



IL-17A

IL-6

IFN

VEGF

TNF
alpha

Immunoassay guide

ELISAs and ProcartaPlex multiplex assays for the Luminex platform

As all immunoassay kits are being brought under the Invitrogen™ family of products ...

eBioscience Platinum ELISA kits —> Invitrogen coated ELISA
eBioscience Ready-SET-Go! kits —> Invitrogen uncoated ELISA

... these eBioscience™ kits will move under the Invitrogen™ brand in 2017, joining hundreds of other highly referenced Invitrogen™ protein quantitation products you know and trust for quality and technical support. Although the names and packaging will change, the products will remain the same.

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Background

Highly referenced kits you can trust

We proudly offer a large, unique menu of immunoassays for protein quantitation. The ability to accurately measure single proteins or profile multiple biomarkers simultaneously enables researchers to advance their discovery and understanding of both normal and abnormal processes. Multiple platforms for analyte assessment and biomarker profiling are available—from Invitrogen™ uncoated ELISA kits and traditional coated ELISA kits, to Invitrogen™ ProcartaPlex™ multiplex immunoassays—using Luminex® xMAP® technology.

Immunoassays within these areas of research assess cellular mechanisms from basic drug discovery to development

- Adaptive immunity
- Adhesion and migration
- Angiogenesis
- Apoptosis
- Bone biology
- Cancer biology
- Cell cycle and proliferation
- Cell signaling and cell structure
- Cytokines, chemokines, and growth factors
- Innate immunity
- Metabolism
- Stem cell biology
- Transcription factors

The importance of immunoassays

As part of the immune response, inflammation plays an important role in defending the body against pathogens such as viruses, bacteria, fungi, and other parasites. However, inappropriate activation of inflammatory processes is an underlying contributor to many common pathological conditions. For example, autoimmune conditions arise when our immune system mistakes our cells or tissues for pathogens and attacks them. In addition, studies show that tumor proliferation and metastasis may occur when inflammatory cytokines create a microenvironment conducive to cancer progression. Figure 1 shows a simplified representation of cytokine interactions during inflammation.

Acute versus chronic inflammation

Acute inflammation is a short-lived response that is characterized by extravasation of leukocytes, erythrocytes, and plasma components into the injured tissue. If left unchecked, the acute inflammatory process can lead to chronic inflammation.

Unlike acute inflammation, chronic inflammation is characterized primarily by tissue infiltration by lymphocytes and macrophages. Chronic inflammation is closely associated with allergy, atherosclerosis, cancer, arthritis, and Alzheimer's disease, as well as autoimmune diseases. The process of acute inflammation is well defined, but the causes of chronic inflammation and its associated molecular and cellular pathways are still not well understood [1].

Inflammation research

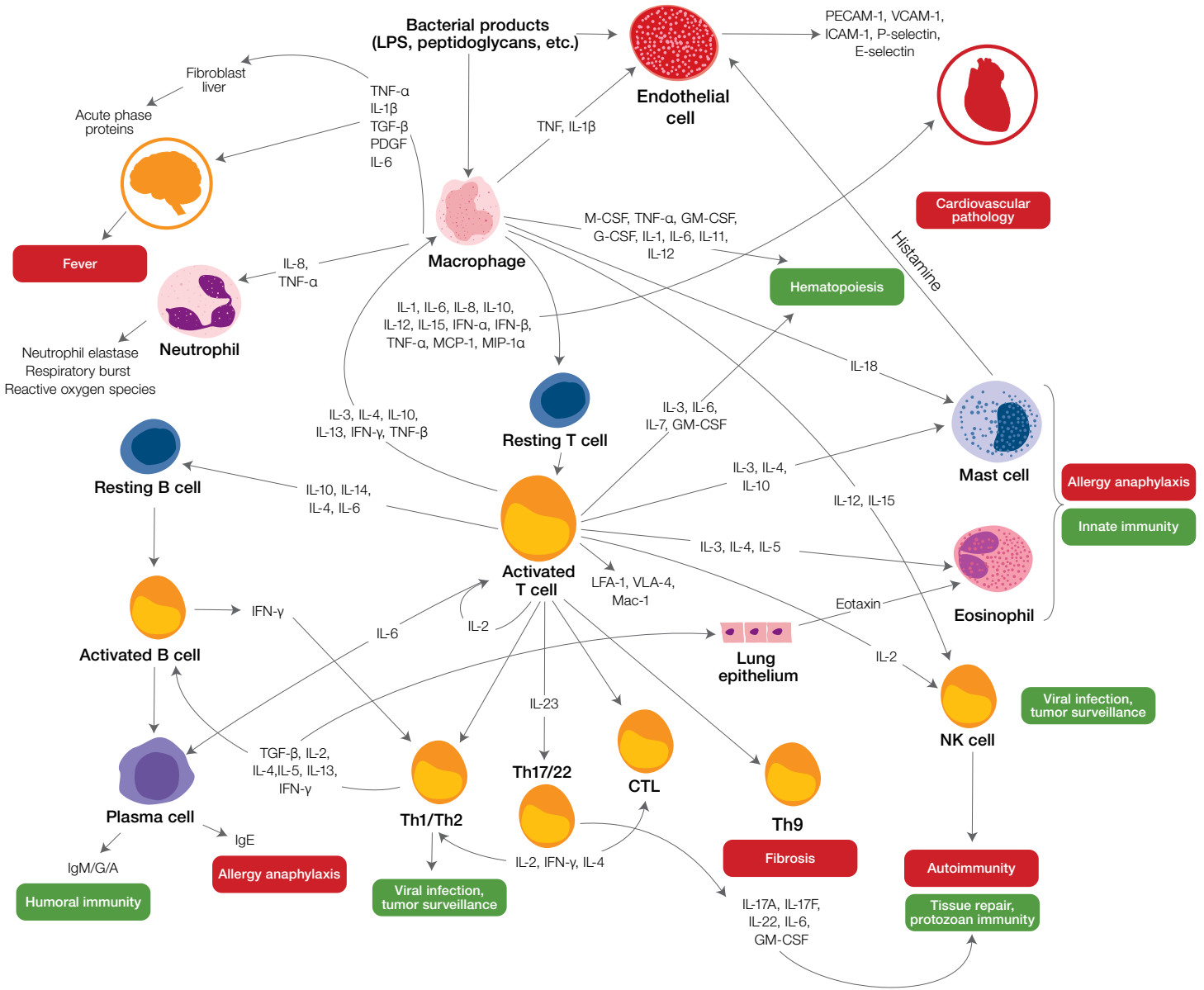


Figure 1. Interaction of cytokines during inflammation.

The critical balance between pro- and anti-inflammatory mediators

The overall effect of an inflammatory response is dictated by the balance between pro- and anti-inflammatory mediators (Table 1).

Pro-inflammatory cytokines such as IL-1 β , IL-6, and TNF- α are responsible for early responses and amplify inflammatory reactions, whereas anti-inflammatory cytokines, which include IL-4, IL-10, and IL-13, have the opposite effect in that they limit the inflammatory responses (Table 1). The increasing complexity of pro- and

anti-inflammatory cytokine/chemokine networks has made it crucial to examine them in relevant functional groups rather than individually (Figure 1).

To facilitate the investigation of inflammatory and other biologically relevant protein markers, the Invitrogen™ portfolio has a broad menu of immunoassays to easily detect and quantify proteins. Products are available for important research areas including immunology, Alzheimer’s disease, cancer, cardiovascular diseases, metabolism, and more.

Table 1. Pro- and anti-inflammatory mediators [2].

Pro-inflammatory mediators		
• Cell-surface CD14	• Leukemia inhibitory factor	• Prostacyclins
• Free radical generation	• Monocyte chemoattractant protein-1	• Prostaglandins
• IL-1 β	• Monocyte chemoattractant protein-2	• Protein kinase
• IL-2	• Neopterin	• Soluble adhesion molecules
• IL-6	• Neutrophil elastase	• Thromboxane
• IL-8	• Phospholipase A2	• TNF- α
• IL-15	• Plasminogen activator inhibitor-1	• Tyrosine kinase
• IFN- γ	• Platelet activating factor	• Vasoactive neuropeptides
Anti-inflammatory mediators		
• Epinephrine	• Leukotriene B4-receptor antagonism	• Soluble TNF- α receptors
• IL-4	• LPS binding protein	• Transforming growth factor- β
• IL-10	• Soluble recombinant CD-14	• Type II IL-1R
• IL-13		
• IL-1RA		

Plate- and bead-based solutions for your research needs across many species

Human, mouse, rat, nonhuman primate, canine, porcine, bovine, equine, and feline

The Invitrogen portfolio of immunoassay products support the evolution of research projects by offering multiple platforms that, in most cases, use the same antibody content. This provides freedom to move from one platform to another, or from a multiplex assay to an ELISA, producing truly comparable data.

- Keep your research relevant by incorporating analytes pertinent to your area of work at any point within your study
- Conserve resources by using existing data from previous experiments
- Validate at your discretion with identical antibody content across multiple platforms

Immunoassay platforms

Tailored to meet your needs

A variety of ELISA kit formats are available that include complete, ready-to-use kits as well as preoptimized reagents to make your own. A variety of singleplex and multiplex panels for the Luminex® platform are also available. See Table 2 for a performance comparison of our immunoassay platforms and Table 3 for a component list.

- **Coated ELISA kits**—Quantitate with confidence. Highly verified ELISA kits with precoated plates provide lower inter- and intra-assay variability with ready-to-use reagents that help ensure consistent data throughout your research.
 - **Invitrogen™ Instant ELISA kits**—Reduce steps and hands-on time to increase productivity. The one-wash ELISA introduces fewer handling steps, leaving more time for your research.

- **Phosphospecific ELISA kits**—Measure phosphospecific proteins in cell lysates.

- **Uncoated ELISA kits**— Keep costs low with our affordable coat-it-yourself ELISA plate set. Each set contains the reagents required to prepare and run the ELISA, including ELISA-optimized matched antibody pairs, standards, detection reagents, coating buffers, sample diluent, and tetramethylbenzidine (TMB) substrate solution. Plates are optional.
- **ProcartaPlex multiplex immunoassays**—Quantitate more with less sample. ProcartaPlex multiplex immunoassays utilize Luminex xMAP technology for the biomarker profiling of up to 65 analytes in a single 25–50 µL sample.

Table 2. Characteristics of our antibody pair kits, ELISA kits, and multiplex assay kits.

	Type of immunoassay				
	Build-it-yourself immunoassays	Uncoated ELISA kits	Coated ELISA kits*	Instant ELISA kits	Luminex® immunoassays
Ready-to-use reagents	No; need overnight coating process	Yes; need overnight coating process	Yes	Yes	Yes
Analytical sensitivity**	<10 pg/mL	<10 pg/mL	<10 pg/mL	<5 pg/mL	<10 pg/mL
Dynamic range**	<5–250 pg/mL	<5–500 pg/mL	<5–250 pg/mL	<7.8–500 pg/mL	<5–2,000 pg/mL
Incubation time**	4 hr	3–4.5 hr	2.5–4 hr	2–3 hr	3.5 hr
Multiplexibility	No	No	No	No	Yes
Number of targets measured per well	1	1	1	1	1–80
Readout	HRP-TMB (colorimetric)	HRP-TMB (colorimetric)	HRP-TMB (colorimetric)	HRP-TMB (colorimetric)	RPE (fluorescent)
Instrumentation needed	Microplate reader	Microplate reader	Microplate reader	Microplate reader	Luminex® instrument (Luminex® 100/200™, MAGPIX®, or FLEXMAP 3D® system)
Instrument read time	2 min	2 min	2 min	2 min	20–60 min

* Values in this table refer to standard colorimetric kits. Ultrasensitive kits are also available.

** Every assay has its own specifications. Please consult the protocol for your specific immunoassays/kits.

Go to [thermofisher.com/immunoassays](https://www.thermofisher.com/immunoassays) to find:

- Our helpful immunoassay selection guide that allows you to search for assays based on your target protein
- Detailed information on all of our antibody pair kits, ELISA kits, and multiplex assay kits
- Important data demonstrating our assay specificity and sensitivity

Table 3. List of components for different immunoassay kit options.

Immunoassay components	Type of immunoassay			
	Uncoated ELISA	Coated ELISA	Instant ELISA kit	ProcartaPlex assays (all platforms)
96-well plate	Optional	•	•	Flat bottom
Pretitrated capture antibody	•	Precoated	Precoated	Precoated capture bead
Pretitrated detection antibody	•	•	•	•
Recombinant protein standard	•	•	Additional well strips included	•
Stop solution	NA	•	•	NA
Substrate solution	•	•	•	SA-PE
Assay buffer	•	•	Sample diluent	•
Wash buffer	NA	•	•	•
Coating buffer	•	NA	NA	NA

Note: Our immunoassays are available in various kit sizes. Kits are calibrated to NIBSC/WHO standards (if available). SA = streptavidin, PE = phycoerythrin, NA = not applicable.

Invitrogen™ ELISA kits are developed to meet industry-standard specifications including standard calibration, precision, sensitivity, specificity, recovery, lot-to-lot consistency, linearity, and parallelism (Table 4).

Table 4. Rigorous assay verification of ELISA kits helps ensure consistent, reliable results.

Specification	Description	What does it mean for you?
Standard calibration	Calibrated to NIBSC (National Institute for Biological Standards and Control), if available	Allows accurate quantitation and consistent standard of reference across multiple platforms
Precision	Avg. inter-assay CV <10%; avg. intra-assay CV <10%	Consistent results
Sensitivity	Relevant levels of protein	Enables detection of low levels of protein
Specificity	Cross-reactivity tests are performed with similar analytes	Helps to ensure accurate measurement of the protein of interest
Recovery	Buffers are optimized to minimize matrix effects	Helps to ensure accurate quantitation of samples within a complex matrix, including serum and plasma
Lot-to-lot consistency	In-house controls are tested to measure within set ranges	Helps to ensure consistent results with new lots
Linearity of dilution	Linear results over the quantitative range of the assay	Serial dilution of samples are quantitated accurately
Parallelism	Recombinant protein standards mimic native proteins	Samples can be measured with confidence

Coated ELISA kits

Precoated

A complete, validated ELISA solution

Quantitate with confidence

Coated ELISA kits for the quantitation of individual analytes from a variety of sample types provide lower inter- and intra-assay variability. Developed and manufactured for labs that require verified and comprehensively tested kits, coated ELISA kits guarantee lot-to-lot consistency and help ensure the highest possible ELISA performance (see example standard curve in Figure 2). Ready-to-use reagents including precoated plates (Figure 3) help ensure consistent data throughout your research.

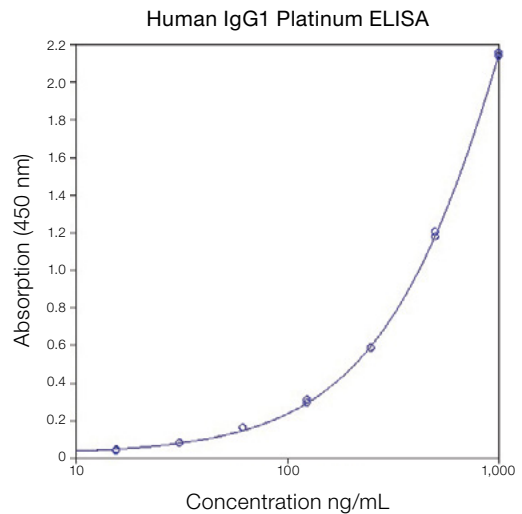


Figure 2. Standard curve for human IgG1-coated ELISA. (Cat. No. BMS2092)

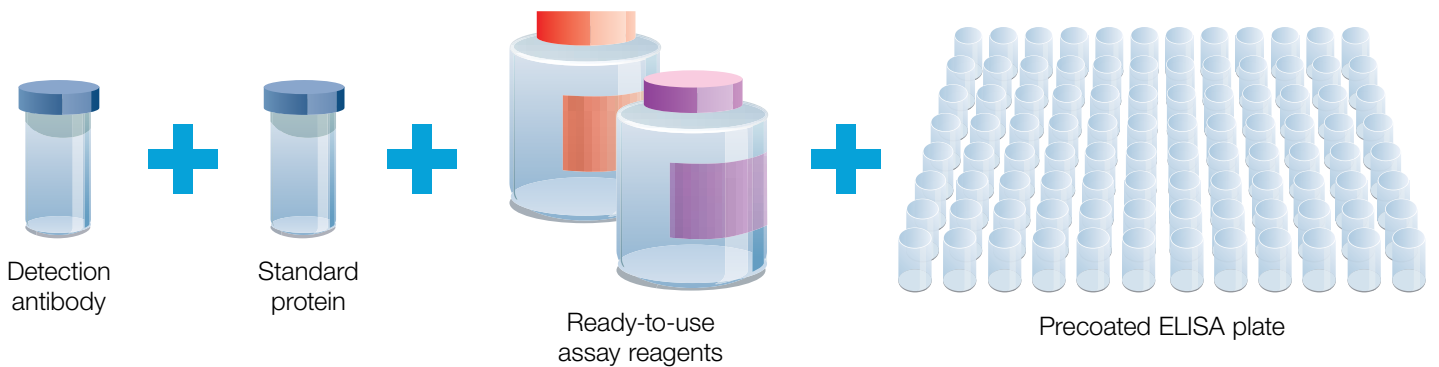


Figure 3. Coated ELISA kits are available in various pack sizes. Kits include all reagents necessary to perform the assay.

ELISA kits for protein analysis

Watch our video “ELISA kits for protein analysis” to learn all about running an ELISA to measure target proteins in serum, plasma, supernatants, cell lysates, and other sample types.

To learn more, go to [thermofisher.com/immunoassayvideos](https://www.thermofisher.com/immunoassayvideos)

Coated ELISA kits

Precoated

Benefits of precoated ELISA kits

- **Robust**—low inter- and intra-assay coefficient of variation (CV)
- **Easy to use**—includes all required assay buffers and reagents and a straightforward protocol (Figures 4 and 5)
- **Highly verified**—optimized for serum, plasma, and cell culture supernatants

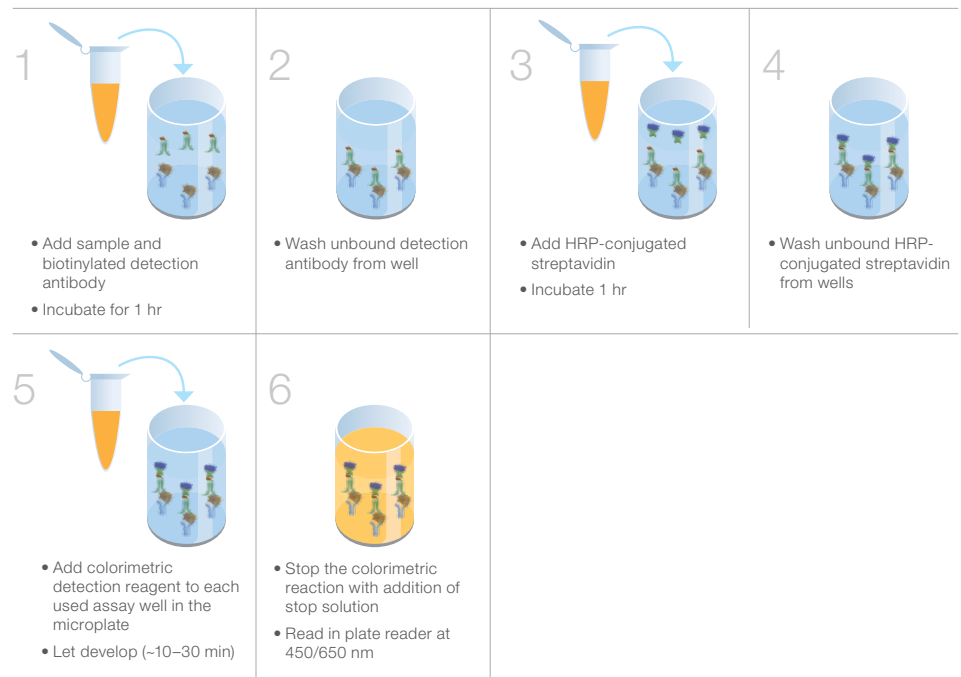


Figure 4. General workflow for coated ELISA.

Looking for an ELISA plate reader or washer?

Go to [thermofisher.com/microplate-instruments](https://www.thermofisher.com/microplate-instruments) to see our complete workflow solutions.

Learn more about our standard and ultrasensitive colorimetric ELISA kits at [thermofisher.com/elisakits](https://www.thermofisher.com/elisakits)

Coated ELISA kits

Precoated

Instant ELISA: the one-wash ELISA kit

Reduce steps and hands-on time to increase productivity

The one-wash Instant ELISA kit requires fewer handling steps. The Instant ELISA plate contains all of the necessary components including capture antibody and lyophilized detection antibody, streptavidin-HRP, and sample diluent. Additionally, the strip wells containing the standards for the standard curve are provided separately; they are ready-to-use, saving both time and wells. Less hands-on time increases productivity, which leaves more time for your research (Table 5).

Table 5. Steps for conventional ELISA vs. Instant ELISA kits.

17 steps for conventional ELISA		7 steps for Instant ELISA kits	
1	Washing of coated plate		
2	Reconstitution of standard protein		
3	Addition of sample diluent to standard wells		
4	Titration of standard curve	1	Rehydration of plate
5	Addition of sample diluent	2	Sample addition
6	Sample addition	3	Incubation
7	Dilution of biotin conjugate		
8	Addition of biotin conjugate		
9	Incubation		
10	Preparation of streptavidin-HRP conjugate		
11	Washing step		
12	Addition of streptavidin-HRP conjugate		
13	Incubation		
14	Washing step	4	Washing step
15	Addition of TMB substrate	5	Addition of TMB substrate
16	Addition of stop solution	6	Addition of stop solution
17	Calculation of results	7	Calculation of results

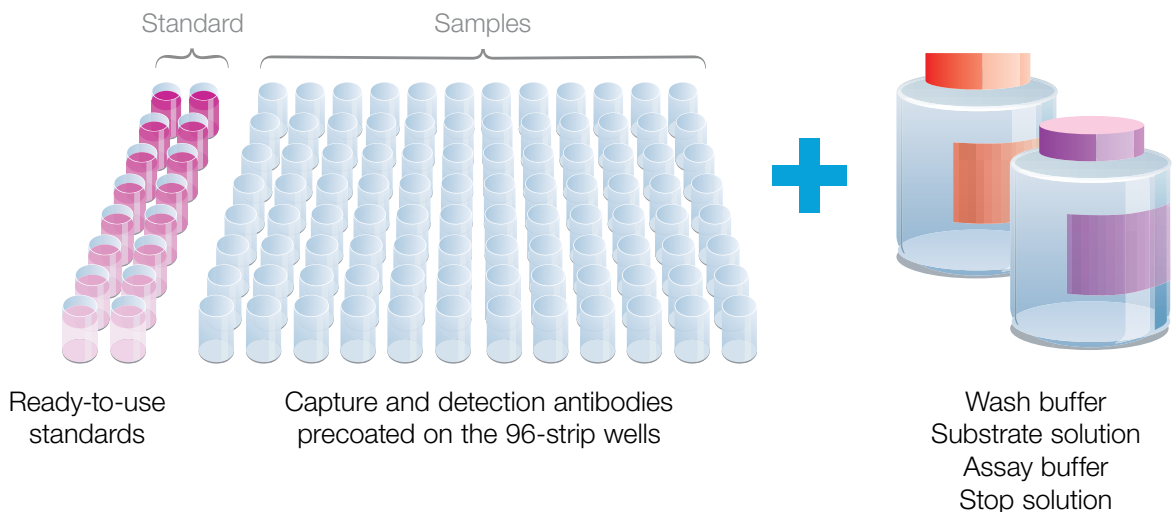


Figure 5. Instant ELISA kit (1 x 96-well plate) includes all reagents necessary to perform the assay. Two separately packed, double-standard curves come with kits, which enables the use of all 96 wells for your samples.

Coated ELISA kits



Precoated

Benefits of Instant ELISA kits

- **Time saving**—only requires 15 min for setup
- **Maximum accuracy**—no need to add antibody or do serial dilution of standards; reduced handling means less error and more consistent results
- **Better value**—generate standard curve data in parallel with additional well strips provided, to enable use of all 96 wells for your samples

Switching to Instant ELISA kits

The Instant ELISA kits utilize the same antibody pairs for many analytes across all assay formats. This enables cross-platform performance and comparable data using any of our Instant ELISA kits, ELISA, and ProcartaPlex multiplex assays. For example, if you are currently using an Invitrogen™ sCD44var Coated ELISA, you can be confident in switching to the Invitrogen™ sCD44var Instant ELISA assay, knowing that the data generated across the two kits will remain consistent (Figure 6).

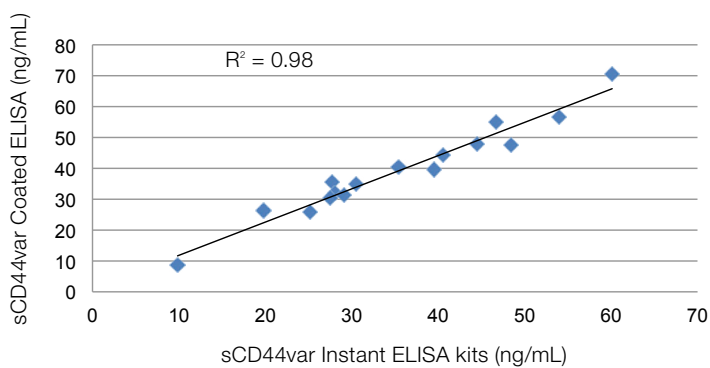


Figure 6. Performance comparison of human sCD44var Instant ELISA to coated ELISA. Human sCD44var Instant ELISA kit (Cat. No. BMS220INST) was tested against a human sCD44var Coated ELISA kit (Cat. No. BMS220). Sixteen serum samples were applied with the coefficient of determination of 0.98, demonstrating comparable performance of the Instant ELISA kits against coated ELISA kits.

Phosphospecific ELISA kits

Cell signaling assay

For studies of intracellular proteins involved in signaling, Invitrogen™ phosphospecific ELISA kits are available for measurement of total, and phosphorylated, modified, or cleavage site-specific proteins. Advantages and benefits of these kits include:

- **Specificity**—two antibodies directed against the analyte provide better specificity than western blotting
- **Sensitivity**—more sensitive than western blotting
- **Quantitation**—get quantitative data in contrast to western blots (Figure 7)
- **Medium throughput**—96-well format, results in 4 hours, no densitometry analysis needed

Learn more about our phosphospecific ELISA kits at [thermofisher.com/phoshoelisas](https://www.thermofisher.com/phoshoelisas)

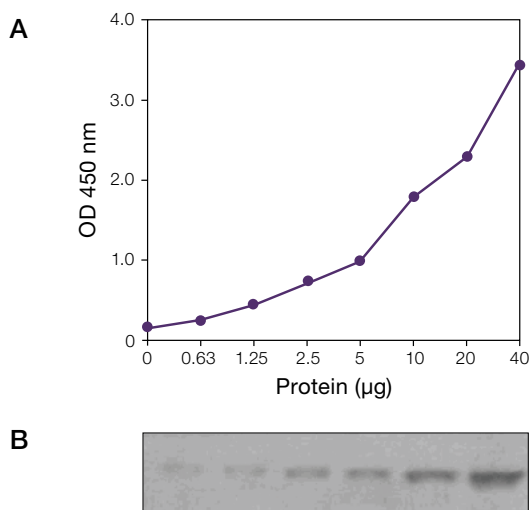


Figure 7. Confirmation of western blotting data with quantitative results by phosphospecific ELISA assay. (A) Quantitative data obtained using the Invitrogen™ STAT5a [pY694] Human Phospho-ELISA Kit (Cat. No. KHO0761). (B) Western blotting results using an Invitrogen™ NuPAGE™ gel (Cat. No. NP0321). Assays were performed in parallel.

Uncoated ELISA kits

Coat it yourself

Optimized reagents—all in one box

Keep costs low

Uncoated ELISA kits are ideal for experienced ELISA users on a budget, who have less stringent requirements for inter- and intra-assay variance (Figure 8).

Affordable ELISA kits using coat-it-yourself plates also include the necessary reagents to prepare and run an ELISA, including ELISA-optimized matched antibody pairs, standards, detection reagents, wash buffers, and coating buffers (plates are optional) (Figure 9). A step-by-step guide to sample preparation protocol is shown in Figure 10.

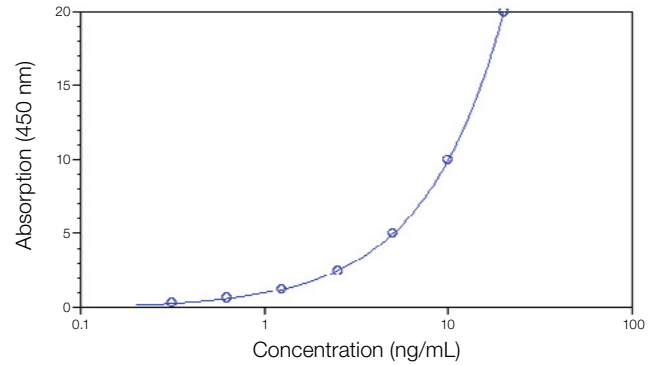


Figure 8. Standard curve for Invitrogen™ human CD163 uncoated ELISA. (Cat. No. 88-50360-22)

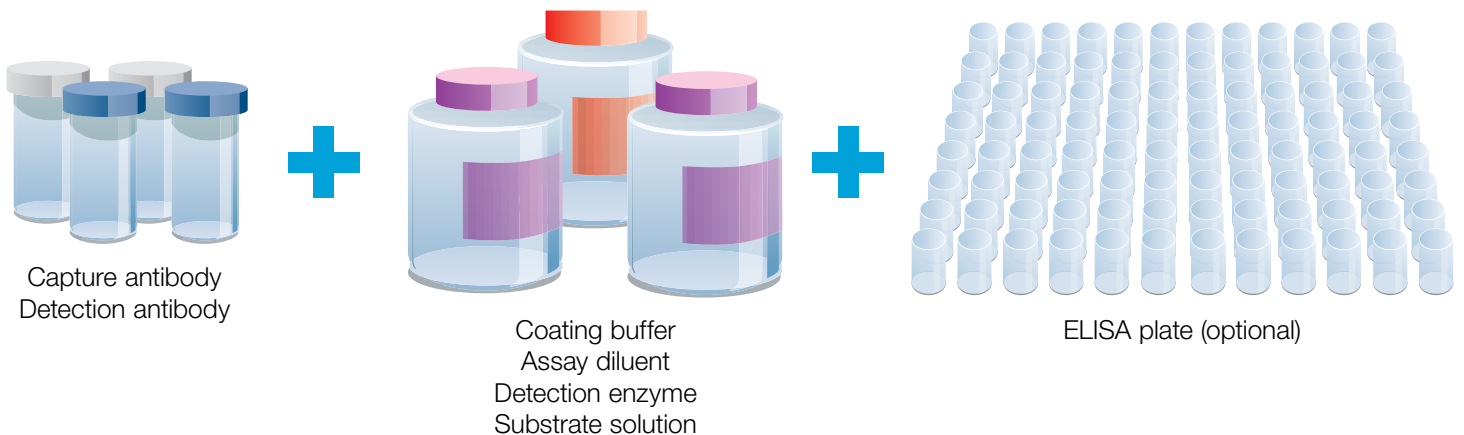


Figure 9. Uncoated ELISAs offer 2-, 10-, and 20-plate (96-well) kit sizes. Kits include all reagents necessary to perform the assay (with the exception of the acid stop solution and wash buffer). Plates (96-well) are optional with the 10- and 20-plate kit sizes.

Learn more about uncoated ELISA kits at [thermofisher.com/uncoatedelisa](https://www.thermofisher.com/uncoatedelisa)

Uncoated ELISA kits

Benefits of uncoated ELISA kits

- **Flexible**—purchase based on the volume of your assay through a choice of package sizes, including 2-, 10-, and 20-plate kits
- **Complete and easy to use**—includes optimized antibody pairs and recombinant standards. Unlike ELISA sets from other suppliers, uncoated ELISAs also include TMB substrate, and all the essential reagents and buffers in one kit to perform your assay
- **Affordable**—priced to accommodate the most demanding budgets and to help maximize your research

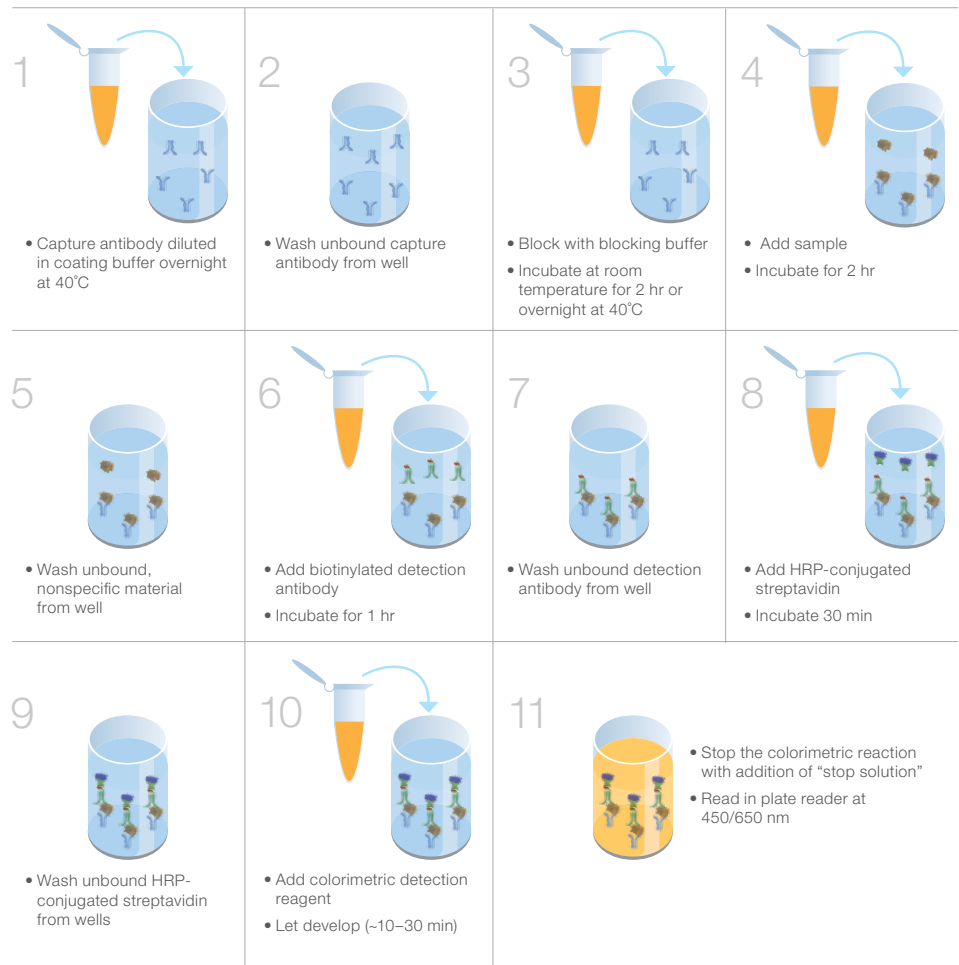


Figure 10. Uncoated ELISA sample protocol.

Using antibody pairs to make an ELISA

Watch our video, then visit [thermofisher.com/antibodypairs](https://www.thermofisher.com/antibodypairs) to discover what prematched antibody pairs we offer to help make ELISA analysis easier and more successful.

Go to [thermofisher.com/immunoassayvideos](https://www.thermofisher.com/immunoassayvideos) to learn more.

Accessories and reagents

Also available are a comprehensive line of primary antibodies, secondary antibody conjugates, labware and accessories, coated microplates, blocking buffers, diluents, and substrates under Thermo Scientific™ and Invitrogen™ brands to develop and complete ELISA experiments.

To see a complete listing of accessories for ELISA, go to thermofisher.com/elisaaccessories

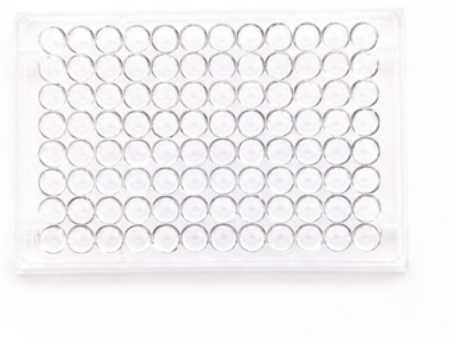
Antibodies and conjugates



Substrates



Microplates



Buffers



ProcartaPlex multiplex kits

Profile more biomarkers with less sample

ProcartaPlex multiplex immunoassays use the Luminex xMAP (multianalyte profiling) technology that enables the simultaneous detection and quantitation of up to 80 protein targets in a single 25–50 µL sample of plasma, serum, cell culture supernatants, and other bodily fluids. The technology employs the use of differentially dyed, capture beads for each target in a multiplex “ELISA-like” assay. ProcartaPlex immunoassays can profile up to 80 times more analytes using significantly less sample in the same time that it takes to perform a traditional sandwich ELISA. See typical ProcartaPlex assay sequence and multiplex data in Figure 11.

ProcartaPlex multiplex immunoassays provide the ability to create your unique panel and the assurance that you will achieve reproducible results throughout the course of your study.

- More than 90% of ProcartaPlex assays can be combined with one another
- High correlation to our Invitrogen™ coated ELISA assays ($R^2 > 0.9$)
- Scalable and reproducible performance regardless of plex size
- Largest multiplex panel on the market for quantitation of to 65 analytes

ProcartaPlex multiplex immunoassays are available in multiple formats across six species (human, mouse, rat, nonhuman primate, porcine, and canine) to meet the needs of your research.

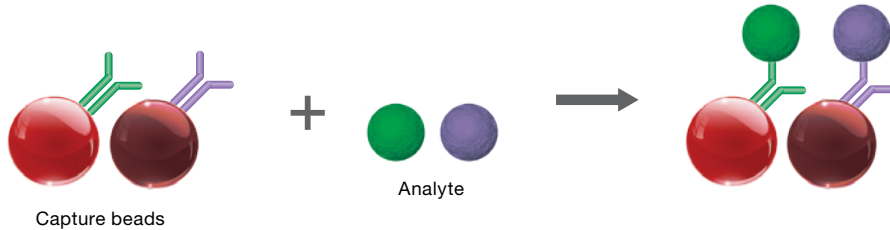
Go to [thermofisher.com/procartaplex](https://www.thermofisher.com/procartaplex) for information regarding characteristic assay details and individual analytes.

ProcartaPlex Multiplex Assay options

Name	Description	Mixing required	Bead type	Base kit included
ProcartaPlex™ panels	Preconfigured, biologically relevant, and disease-defined panels using magnetic beads for the quantitative multiplex analysis of up to 65 analytes in a single sample.	No	Magnetic	Yes
ProcartaPlex™ Simplex Sets	Bead sets for the detection of individual analytes designed to be added to ProcartaPlex panels for increased customization. Alternatively, multiple ProcartaPlex Simplex bead sets can be combined and run using the Invitrogen™ ProcartaPlex™ Basic Kit, which includes all non-target-specific reagents needed to perform the assay.	Yes	Magnetic	No
ProcartaPlex™ Mix&Match Panels	Custom-blended and optimized panels deliver results tailored to the panel design of your choice. Simply provide your desired species, sample type, and instrument for use. Then select your desired analytes, and a custom assay kit will be built and optimized according to your specifications.	No	Customer specifies	Yes

ProcartaPlex assay workflow

A

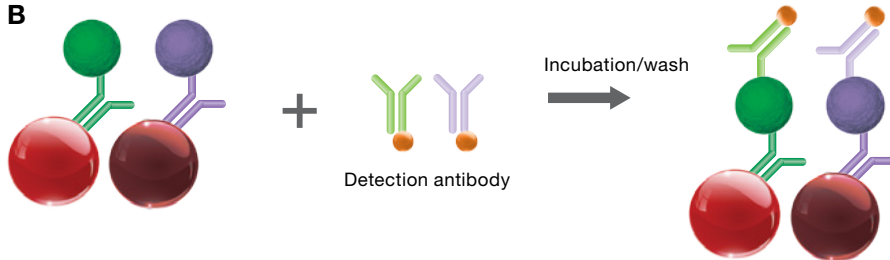


Capture target analytes

Analyte-specific capture beads are added to prepared sample. The unique, differentially dyed capture beads are coated with target-specific capture antibodies. This allows for the unique identification of the analyte.

Incubate 1–2 hr and wash

B



Detect captured analyte

Captured beads or analytes are incubated with biotinylated analyte-specific detection antibody to form an immuno (sandwich) complex.

Incubate 30 min and wash

C

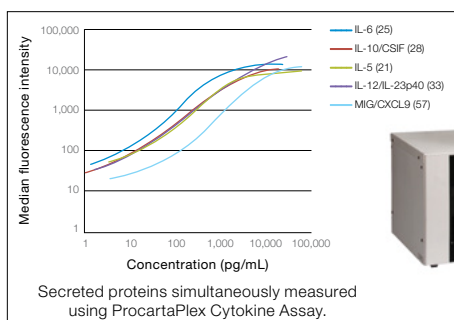


Label detection

- For analyte quantitation, the immuno (sandwich) complex is incubated with a fluorescent detection label (SA-PE)
- The sample is then washed to remove excess SA-PE
- Multiplex sample is ready for quantitation

Incubate 30 min and wash

D



Read and analyze

- Read with Luminex instrument
- ProcartaPlex Analyst Software

Figure 11. Typical ProcartaPlex assay sequence (A–C) and sample results (D) provided by your choice of Luminex instruments.

What is a Luminex-based assay?

Profile more biomarkers with less sample amount

Quantitate up to 80 analytes simultaneously with the Luminex 100/200 or FLEXMAP 3D system and up to 50 analytes with the Luminex MAGPIX system. All of our assays are compatible with as little as 25 μ L of plasma or serum samples or 50 μ L of cell culture supernatant sample.

High-throughput analysis

Measure several analytes simultaneously in the same time it takes to run a single ELISA assay. ProcartaPlex protocols are available in 96-well and 384-well formats for high-throughput analysis.

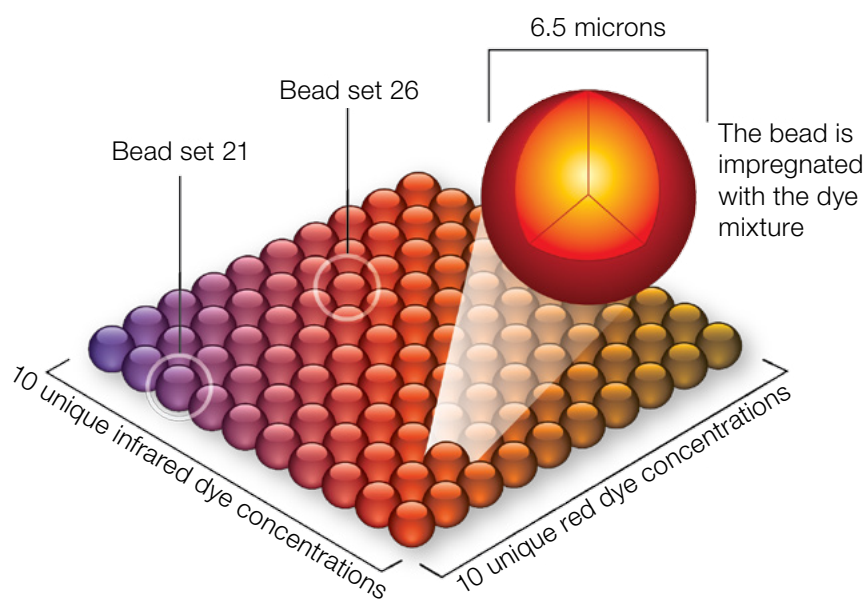
Trusted platform and partnership

Luminex Corporation has been supplying instruments to the life science research market for almost 20 years and has over 13,000 units installed worldwide. As a certified partner of Luminex Corporation, Thermo Fisher Scientific has been supplying multiplexed reagents for more than 15 years and has been a preferred supplier of high-quality assays to many customers in medical and drug discovery research.

ProcartaPlex technology overview

Luminex xMAP technology

ProcartaPlex assays use Luminex xMAP magnetic bead technology that uses the Luminex[®] MagPlex[®] superparamagnetic 6.5-micron microspheres with a magnetic core. The beads are internally dyed with precise proportions of red and infrared fluorophores. Varying proportions of the red and infrared fluorophores result in 100 spectrally unique microspheres, which are identified by the Luminex xMAP detection systems. The conjugation of a distinct monoclonal antibody to a distinct bead allows for analysis of multiple analytes in a single well.



Have technical questions? Need help getting started?

Email LuminexFAS@thermofisher.com to get a one-on-one technical consultation

Luminex instrumentation

Luminex instrumentation consists of three instrument models: MAGPIX, Luminex 100/200, and FLEXMAP 3D systems. These instruments are based on either the principles of quantitative fluorescence microscopy or fluorescence flow cytometry.

Accessories for Luminex technology

Description	Cat. No.
xMAP Sheath Fluid (1X), 20 L	4050000
xMAP Sheath Fluid (20X), 1 L	4075680
xMAP Classification Calibrator Microspheres (CAL1)*	L100CAL1
xMAP Reporter Calibrator Microspheres (CAL2)*	L100CAL2
xMAP Classification Control Microspheres (CON1)*	L100CON1
xMAP Reporter Control Microspheres (CON2)*	L100CON2
MAGPIX Performance Verification Kit (25 reactions)	MPXPVERK25
MAGPIX Calibration Kit (25 reactions)	MPXCALK25
MAGPIX Drive Fluid (4-pack)	MPXDF4PK
FLEXMAP 3D Performance Verification Kit (25 reactions)	F3DPVERK25
FLEXMAP 3D Calibration Kit (25 reactions)	F3DCALK25
Magnetic 96-Well Separator	A14170

* 5 mL.



Affordable, efficient, and compact in size



Versatile and the standard in multiplexing



High-throughput, high-plex

Feature	MAGPIX	Luminex 100/200	FLEXMAP 3D
Optics	LED/CCD camera	Lasers/APDs/PMTs	Lasers/APDs/PMTs
Hardware	Fluorescent imager	Flow cytometry-based	Flow cytometry-based
Multiplex capacity	50	100	500
Read time	~60 min/96-well plate	~30 min/96-well plate	~75 min/384-well plate
Applications	Protein/nucleic acid	Protein/nucleic acid	Protein/nucleic acid
Dynamic range	3.5 logarithmic units	3.5 logarithmic units	4.5 logarithmic units
Microplate	96-well	96-well	96-well and 384-well
Footprint including PC (Linear bench space)	64.8 cm (24")	80.0 cm (32")	64.8 cm (24")
Cat. No.	APX1042	APX10031	APX1342

Why ProcartaPlex assays?

Flexibility

Get exactly the panel you want. Since more than 90% of ProcartaPlex assays can be combined with one another, ProcartaPlex assays allow the creation of highly specific as well as high-plex panels. We currently offer the largest published panel with a 65-plex assay [1–4].

Reproducible results

ProcartaPlex assays are based on the principles of sandwich ELISA, where two highly specific antibodies recognize different epitopes on the same protein. Reproducible results come from reliable manufacturing. We own and operate a world-class hybridoma facility for the manufacturing of antibodies; and these antibodies are used in ProcartaPlex assays, enabling the delivery of consistent, reproducible, and high-quality assays.

Correlation to ELISA

Switch easily from ProcartaPlex assays to ELISA and vice versa with reliable results. Most of our ProcartaPlex assays use the same antibody pairs as our traditional plate-based ELISAs, resulting in high correlation ($R^2 > 0.9$) between the two assays. As shown in Figure 12, equivalent results ($R^2 > 0.9$) were obtained using the ProcartaPlex multiplex immunoassays and traditional plate-based ELISAs for human and mouse IFN gamma. ProcartaPlex assays achieve quantitative results comparable to traditional ELISA results with the added benefits of reduced sample volume, shorter assay time, and lower cost.

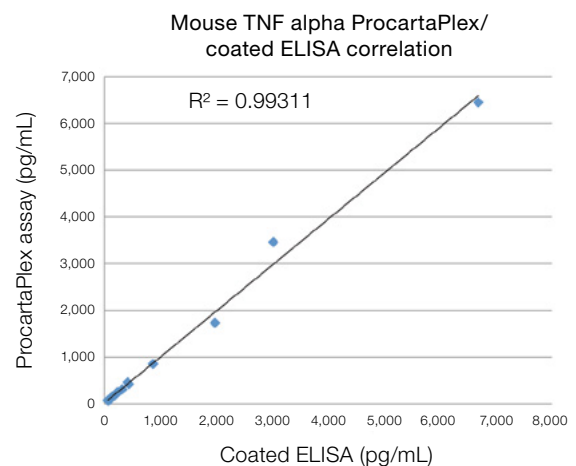
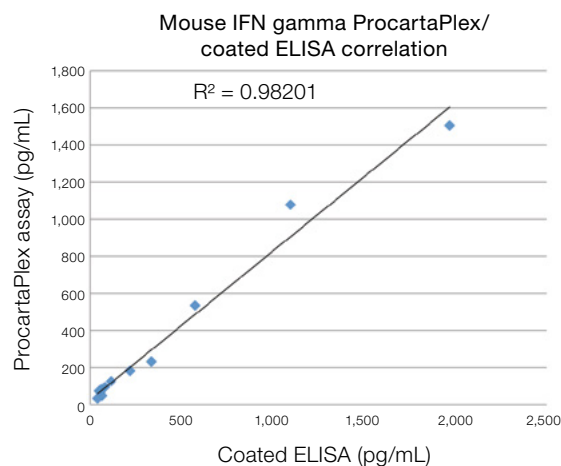
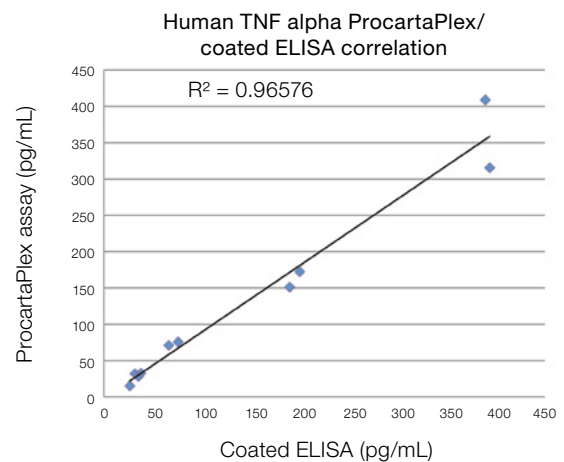
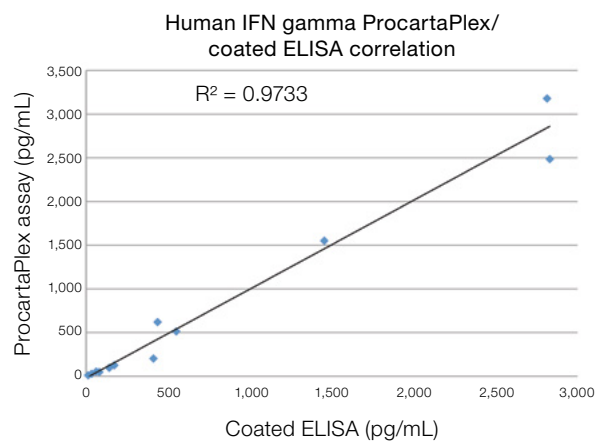


Figure 12. Results of an experiment measuring IFN gamma and TNF alpha in stimulated human and mouse peripheral blood mononuclear cells (PBMCs). Supernatants were serially diluted two-fold in normal human or mouse serum, to allow for differential cytokine levels in a serum matrix. Additional cytokines for human and mouse analytes were compared including IL-beta and IL-17A, and similar performance was obtained (data not shown).

Scalability

The ability to scale the number of analytes investigated in multiplex experiments is critical for the progression of many projects. For example, it is not uncommon to begin a research project by analyzing a large, comprehensive 35-plex cytokine panel on fewer samples (e.g., 100) to determine which analytes are affected by a particular disease or drug treatment. The resulting list of analytes can then be investigated further, for instance, using an 11-plex panel, on a larger set of samples. Thus, there is a great need for scalability in multiplex panel assays in order to

enable researchers to correlate all of their data across the different stages of their investigation. Many commercially available multiplex assays have not been developed with this level of consistency in mind. However, this specification is a key design requirement incorporated during the ProcartaPlex assay development. Data in Figures 13 and 14 illustrate the high correlation between similar analytes in a large and small panel and the scalability when using ProcartaPlex assays. Similar results are obtained when investigating other analytes.

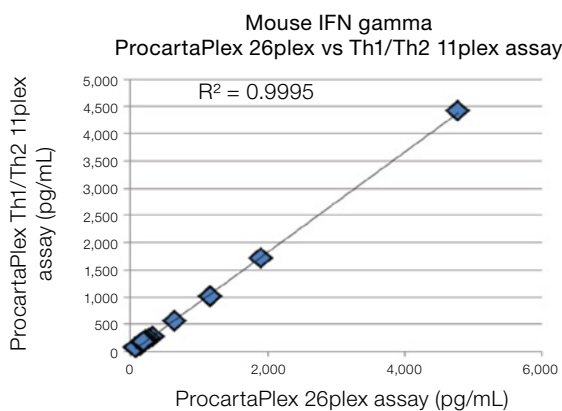


Figure 13. Data illustrates the high correlation between large- and small-scale multiplex scaling when using the ProcartaPlex assays. Regression analysis comparing the Invitrogen™ ProcartaPlex™ Mouse Cytokine & Chemokine Panel 1 (26 plex) and the ProcartaPlex™ Mouse Th1/Th2 Cytokine Panel (11 plex) revealed an R² value >0.9995.

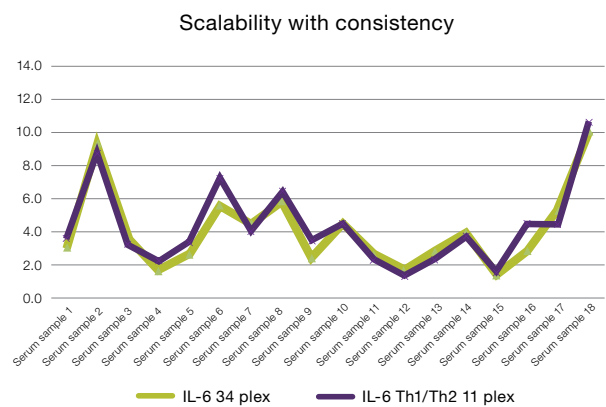


Figure 14. Scalability of ProcartaPlex multiplex immunoassays. Human serum samples were run in parallel using both the Invitrogen™ ProcartaPlex™ Human Cytokine & Chemokine Panel 1A (34 plex) and the Human Th1/Th2 Cytokine Panel (11 plex). Experiments demonstrate consistency achieved in both large- and small-scale multiplex panels.

Free analysis software

Invitrogen™ ProcartaPlex™ Analyst Software is easy to use yet powerful. It is compatible with *.csv file output from the Luminex instrument and can be downloaded at thermofisher.com/resources

ProcartaPlex Analyst Software provides:

- 4-parameter logistic (4PL) or 5PL standard curve evaluation (Figure 15)
- Linear, logarithmic, and point-to-point fit
- Predefined dilution factor and standard range
- Export settings for fast and easy reanalysis
- Export graph images for publishing
- At-a-glance sample pattern with a heat map (Figure 15)

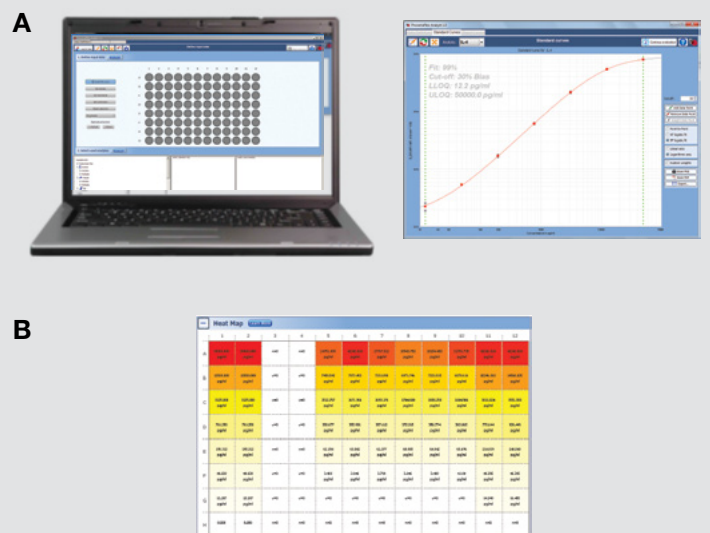


Figure 15. ProcartaPlex Analysis Software includes (A) five-parameter curve fit and (B) heat map analysis for sample.

ProcartaPlex panels

Human ProcartaPlex Immune Monitoring Panel (65 plex)

Analyte (bead region)				
Cat. No. EPX650-10065-901				
APRIL (88)	GM-CSF (44)	IL-7 (26)	IL-23 (63)	MIP-1a (12)
BAFF (86)	Gro a (61)	IL-8 (27)	IL-27 (14)	MIP-1b (47)
BLC (29)	HGF (46)	IL-9 (52)	IL-31 (37)	MIP-3a (56)
bNGF (55)	IFN alpha (48)	IL-10 (28)	IP-10 (22)	MMP-1 (64)
CD30 (84)	IFN gamma (43)	IL-12p70 (34)	I-TAC (57)	SCF (39)
CD40L (74)	IL-1a (62)	IL-13 (35)	LIF (15)	SDF-1a (13)
ENA-78 (82)	IL-1b (18)	IL-15 (65)	MCP-1 (51)	TNF alpha (45)
Eotaxin (33)	IL-2 (19)	IL-16 (70)	MCP-2 (8)	TNF beta (54)
Eotaxin-2 (30)	IL-2R (9)	IL-17A (36)	MCP-3 (68)	TNF-R2 (85)
Eotaxin-3 (49)	IL-3 (73)	IL-18 (66)	M-CSF (67)	TRAIL (58)
FGF-2 (75)	IL-4 (20)	IL-20 (81)	MDC (87)	TSLP (80)
Fractalkine (59)	IL-5 (21)	IL-21 (72)	MIF (53)	TWEAK (97)
G-CSF (42)	IL-6 (25)	IL-22 (76)	MIG (69)	VEGF-A (78)

Human ProcartaPlex panels

Th1/Th2 Cytokine Panel (11 plex)				A
Cat. No. EPX110-10810-901				
GM-CSF	IL-2	IL-6	IL-18	
IFN gamma	IL-4	IL-12 p70	TNF alpha	
IL-1 beta	IL-5	IL-13		
Th9/Th17/Th22/Treg Cytokine Panel (7 plex)				B
Cat. No. EPX070-10817-901				
IL-9	IL-17A	IL-22	IL-27	
IL-10	IL-21	IL-23		
Cytokine Panel 1C (7 plex)				C
Cat. No. EPX070-10010-901				
IFN alpha	IL-1RA	IL-15	TNF beta (LTA)	
IL-1 alpha	IL-7	IL-31		
Chemokine Panel 1 (9 plex)				D
Cat. No. EPX090-12187-901				
Eotaxin (CCL11)		MIP-1 alpha (CCL3)		
GRO alpha (CXCL1)		MIP-1 beta (CCL4)		
IL-8 (CXCL8)		SDF-1 alpha (CXCL12)		
IP-10 (CXCL10)		RANTES (CCL5)		
MCP-1 (CCL2)				
Growth Factor Panel 1 (11 plex)				E
Cat. No. EPX110-12170-901				
BDNF	HGF	SCF		
NGF beta	LIF	VEGF-A		
EGF	PDGF-BB	VEGF-D		
FGF-2	PIGF			

Human ProcartaPlex panel combinations

Th9/Th17/Th22/Treg & Cytokine Panel 1C (14 plex)	B	C			
Cat. No. EPX140-12174-901					
Cytokine 1C & Chemokine Panel 1 (16 plex)		C	D		
Cat. No. EPX160-12176-901					
Th9/Th17/Th22/Treg & Chemokine Panel 1 (16 plex)	B		D		
Cat. No. EPX160-12175-901					
Th1/Th2 & Cytokine Panel 1C (18 plex)	A		C		
Cat. No. EPX180-12172-901					
Th1/Th2/Th9/Th17/Th22/Treg Cytokine Panel (18 plex)	A	B			
Cat. No. EPX180-12165-901					
Th1/Th2 & Chemokine Panel 1 (20 plex)	A			D	
Cat. No. EPX200-12173-901					
Cytokine Panel 1B (25 plex)	A	B	C		
Cat. No. EPX250-12166-901					
Cytokine & Chemokine Panel 1A (34 plex)	A	B	C	D	
Cat. No. EPX340-12167-901					
Cytokine/Chemokine/Growth Factor Panel 1 (45 plex)	A	B	C	D	E
Cat. No. EPX450-12171-901					

Human Cytokine/Chemokine/Growth Factor ProcartaPlex panels

Essential Th1/Th2 Cytokine Panel (6 plex)			
Cat. No. EPX060-10009-901			
IFN gamma	IL-5	IL-12 p70	
IL-4	IL-6	TNF alpha	
Essential Panel 2 (4 plex)			
Cat. No. EPX040-10008-901			
IL-10 beta	IL-8 (CXCL8)	IL-10	IL-17A (CTLA-8)
Inflammation Panel (20 plex)			
Cat. No. EPX200-12185-901			
E-selectin	IL-1 alpha	IL-10	MCP-1 (CCL2)
GM-CSF	IL-1 beta	IL-12p70	MIP-1 beta (CCL4)
ICAM-1	IL-4	IL-13	MIP-1 alpha (CCL3)
IFN alpha	IL-6	IL-17A (CTLA-8)	P-selectin
IFN gamma	IL-8 (CXCL8)	IP-10 (CXCL10)	TNF alpha
Myokine Panel (8 plex)			
Cat. No. EPX080-12186-901			
BDNF	IL-6	IL-10	LIF
IL-1RA	IL-8 (CXCL8)	IL-15	TNF alpha

Human Antibody Isotyping ProcartaPlex panels

Antibody Isotyping Panel (7 plex)*			
Cat. No. EPX070-10818-901			
IgG1	IgG2	IgG3	IgG4
IgA	IgE	IgM	

Human Metabolism/Obesity panels

Metabolism/Obesity Panel 1 (5 plex)*			
Cat. No. EPX050-15805-901			
RBP4	ICAM-1	NGAL	Adiponectin
ZAG			
Metabolism/Obesity Panel 2 (9 plex) *			
Cat. No. EPX090-15804-901			
C-peptide	Cortisol	FGF-23	GLP-1
Ghrelin	Insulin	PYY	Leptin
Resisitin			

Human Coagulation ProcartaPlex panels

Coagulation Panel 1 (6 plex)*			
Cat. No. EPX060-10824-901			
Factor XI	Factor XII	Factor XIII	
Antithrombin	Prothrombin	CRP	
Coagulation Panel 2 (3 plex)*			
Cat. No. EPX030-10823-901			
Factor V	Factor VII	Factor VIII	
Coagulation Panel 3 (4 plex)*			
Cat. No. EPX040-10825-901			
Factor IX	Protein S	Protein C	vWF

Human MMP ProcartaPlex panels

MMP-Panel 1 (5 plex)			
Cat. No. EPX050-10015-901			
MMP-1	MMP-8	MMP-12	MMP-13
MMP-7			
MMP-Panel 2 (3 plex)*			
Cat. No. EPX030-10829-901			
MMP-2	MMP-3	MMP-9	

Human Immuno-oncology ProcartaPlex panels

Immuno-Oncology Panel (14 plex)*			
Cat. No. EPX140-15803-901			
BTLA	LAG-3	TIM-3	CD27
GITR	PD1	CD28	CD152 (CTLA4)
HVEM	PD-L1	CD80	
IDO	PD-L2	4-1BB (CD137)	

Human TNFSF ProcartaPlex panels

TNF Ligand Panel (15 plex)*			
EPX150-15801-901			
APRIL	EDA-1	NGF beta	TNF beta
BAFF	FasL	RANKL	TRAIL
CD30L	GITRL	TL-1 alpha	Tweak
CD40L	Light	TNF alpha	4-1BBL (CD137L)
TNF Receptor Panel (12 plex)*			
EPX120-15802-901			
CD30	DR6	TNF-R1	TRAIL-R1
CD40	Fas (APO)	TNF-R2	TRAIL-R2
GITR	HVEM	4-1BB (CD137)	CD27

* Panel cannot be combined with other ProcartaPlex panels or Simplex kits.

Mouse ProcartaPlex panels

Th1/Th2 Cytokine Panel (11 plex)			A
Cat. No. EPX110-20820-901			
GM-CSF	IL-4	IL-13	
IFN gamma	IL-5	IL-18	
IL-1 beta	IL-6	TNF alpha	
IL-2	IL-12 p70		
Th9/Th17/Th22/Treg Cytokine Panel (6 plex)			B
Cat. No. EPX060-20822-901			
IL-9	IL-17A	IL-23	
IL-10	IL-22	IL-27	
Cytokine Panel 1B (10 plex)			C
Cat. No. EPX100-26091-901			
G-CSF (CSF-3)	IL-31	ENA-78 (CXCL5)	
IFN alpha	IL-1 alpha	M-CSF (CSF-1)	
IL-15 (IL-15R)	IL-3		
IL-28	LIF		
Chemokine Panel 1 (9 plex)			D
Cat. No. EPX090-20821-901			
Eotaxin (CCL11)	MCP-1 (CCL2)	MIP-1 beta (CCL4)	
GRO alpha (CXCL1)	MCP-3 (CCL7)	MIP-2 (CXCL2)	
IP-10 (CXCL10)	MIP-1 alpha (CCL3)	RANTES (CCL5)	
IP-10 (CXCL10)	RANTES (CCL5)		

Rat ProcartaPlex panels

Th Complete Panel (14 plex)			A
Cat. No. EPX140-30120-901			
G-CSF (CSF-3)	IL-2	IL-12p70	
GM-CSF	IL-4	IL-13	
IFN gamma	IL-5	IL-17A (CTLA-8)	
IL-1 alpha	IL-6	TNF alpha	
IL-1 beta	IL-10		
Chemokine Panel 1 (8 plex)			B
Cat. No. EPX080-30121-901			
Eotaxin (CCL11)	MCP-1 (CCL2)	MIP-2 (CXCL2)	
GRO alpha (KC/CXCL1)	MCP-3 (CCL7)	Rantes (CCL5)	
IP-10 (CXCL10)	MIP-1 alpha (CCL3)		

Mouse ProcartaPlex panel combinations

Th9/Th17/Th22/Treg & Chemokine Panel (15 plex)	B	D		
Cat. No. EPX150-26089-901				
Th1/Th2/Th9/Th17/Th22/Treg Cytokine Panel (17 plex)	A	B		
Cat. No. EPX170-26087-901				
Th1/Th2 & Chemokine Panel I (20 plex)	A	D		
Cat. No. EPX200-26090-901				
Cytokine & Chemokine Panel 1 (26 plex)	A	B	D	
Cat. No. EPX260-26088-901				
Cytokine & Chemokine Panel 1A (36 plex)	A	B	C	D
Cat. No. EPX360-26092-901				

Mouse antibody isotyping ProcartaPlex panels

Antibody Isotyping Panel (7 plex)*		
Cat. No. EPX070-20815-901		
IgG1	IgG2a	IgG2b
IgG3	IgA	IgE
IgM		
Antibody Isotyping Panel 2 (7 plex)*		
Cat. No. EPX070-20816-901		
IgG1	IgG2b	IgG2c
IgG3	IgA	IgE
IgM		

Rat ProcartaPlex panel combinations

Cytokine & Chemokine Panel (22 plex)	A	B
Cat. No. EPX220-30122-901		

Rat antibody isotyping ProcartaPlex panels

Antibody Isotyping Panel (6 plex)*		
Cat. No. EPX060-30123-901		
IgG1	IgG2a	IgG2b
IgG2c	IgA	IgM

Rat kidney toxicity ProcartaPlex panels

Kidney Toxicity Panel 1 (5 plex)*		
EPX050-30124-901		
KIM-1	VEGF-A	TFF-3
Osteopontin	Calbindin	
Kidney Toxicity Panel 2 (5 plex)*		
EPX050-30125-901		
Cystatin C	TIMP-1	Clusterin
Albumin	NGAL	

* Panel cannot be combined with other ProcartaPlex panels or Simplex kits. For Research Use Only. Not for Use in Diagnostic Procedures.

Nonhuman primate ProcartaPlex panels

Th Cytokine Panel (14 plex)			A
Cat. No. EPX140-40040-901			
GM-CSF	IL-5	IL-17A	
IFN gamma	IL-6	IL-18	
IL-1 beta	IL-10	IL-23	
IL-2	IL-12p70	TNF alpha	
IL-4	IL-13		
Cytokine Panel 1b (6 plex)			B
Cat. No. EPX060-40042-901			
CD40L	IFN alpha	IL-15	
G-CSF	IL-1 RA	IL-7	
Chemokine Panel (10 plex)			C
Cat. No. EPX100-40041-901			
BLC (CXCL13)	I-TAC (CXCL11)	MIP-1 beta (CCL4)	
Eotaxin (CCL11)	MCP-1 (CCL2)	SDF-1 alpha (CXCL12)	
IL-8 (CXCL8)	MIG (CXCL9)		
IP-10 (CXCL10)	MIP-1 alpha (CCL3)		
Growth Factor Panel (7 plex)			D
Cat. No. EPX070-40043-901			
BDNF	PDGF-BB	VEGF-D	
NGF beta	SCF	-	
FGF-basic	VEGF-A		

Nonhuman primate ProcartaPlex panel combinations

Cytokine & Chemokine Panel (30 plex)	A	B	C	
Cat. No. EPX300-40044-901				
Cytokine/Chemokine/Growth Factor Panel (37 plex)	A	B	C	D
Cat. No. EPX370-40045-901				

Porcine ProcartaPlex panels

Cytokine Panel (9 plex)		
Cat. No. EPX090-60829-901		
IFN alpha	IL-4	IL-10
IFN gamma	IL-6	IL-12/IL-23 p40
IL-1 beta	IL-8 (CXCL8)	TNF alpha

Canine ProcartaPlex panels

Cytokine/Chemokine/Growth Factor Panel 1 (11 plex)		
Cat. No. EPX11A-50511-901		
IFN gamma	IL-8 (CXCL8)	SCF
IL-2	IL-10	TNF alpha
IL-4	IL-12/IL-23 p40	VEGF-A
IL-6	MCP-1 (CCL2)	

ProcartaPlex High Sensitivity Immunoassays

Invitrogen™ ProcartaPlex™ High Sensitivity Immunoassays offer accurate quantitation of key cytokines significantly below the detection limit of conventional Luminex assays.

ProcartaPlex High Sensitivity Immunoassays feature

- Highest sensitivity detection of cytokine concentrations; in fg/mL
- Inter- and intra-assay coefficients of variation (CV) < 10%
- Small sample input (25 µL) ideal for precious serum or plasma samples
- Easy-to-use, simple ELISA-like protocol completed in less than 4 hours
- Convenient, ready-to-use kits for quantification of up to 9 cytokines (Figure 16)
- Trusted platform based on the principles of a sandwich ELISA and utilizing Luminex xMAP (multianalyte profiling) technology

ProcartaPlex High Sensitivity Immunoassays enable the multiplexed analysis of human and mouse analytes in very low concentrations in various matrices including serum, plasma, bodily fluids, and cell culture supernatant samples. These high-sensitivity multiplex assays are ideal when sample input is limited, and protein expression is in the low picogram/milliliter range.

Accurate quantification below conventional limits is achieved through a proprietary signal amplification technology. The signal amplification has negligible effects on the assay background, thereby increasing the signal-to-noise ratio of the cytokine standards on the lower end of the standard curve. This also allows for more accurate and reproducible measurement of cytokines with low expression levels.

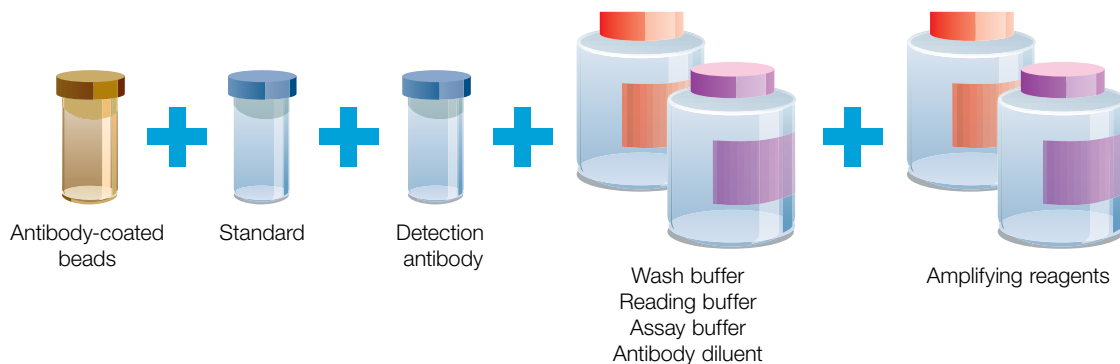


Figure 16. ProcartaPlex High Sensitivity panels include all of the reagents necessary to perform the assay.

Watch the video “Immunoassay tips and tricks” to optimize your Invitrogen™ immunoassays for the Luminex platform. Go to thermofisher.com/immunoassayvideos to learn more.

High Sensitivity ProcartaPlex panels

Human High Sensitivity Panel (9 plex)		
Cat. No. EPXS090-12199-901		
IFN gamma	IL-4	IL-12 p70
IL-1 beta	IL-6	IL-17A (CTLA-8)
IL-2	IL-10	TNF alpha

Mouse High Sensitivity Panel (5 plex)		
Cat. No. EPXS050-22199-901		
IFN gamma	IL-4	TNF alpha
IL-2	IL-6	

All analytes listed above are also available as ProcartaPlex Simplex kits; an Invitrogen™ ProcartaPlex™ High Sensitivity Basic Kit that includes all non–target-specific reagents is needed to perform assay.

Assay specifications and data

Measure low-abundance cytokines with our ProcartaPlex High Sensitivity Immunoassays. We offer 2 high-sensitivity panels for the following human and mouse cytokines.

Please go to [thermofisher.com/highsensitivityprocarta](https://www.thermofisher.com/highsensitivityprocarta) to find the most current offering of our available high-sensitivity assays.

Human High Sensitivity ProcartaPlex Panels (9 plex)				
Cat. No. EPXS090-12199-901				
Analyte	ULOQ* (pg/mL)	LLOQ** (pg/mL)	Inter-assay CV	Intra-assay CV
IFN gamma	1,250	0.31	<10	<10
IL-1 beta	1,330	0.32	<10	<10
IL-2	1,820	0.44	<10	<10
IL-4	3,530	0.86	<10	<10
IL-6	4,230	1.03	<10	<10
IL-10	750	0.18	<10	<10
IL-12p40	3,090	0.75	<10	<10
IL-17A	1,030	0.25	<10	<10
TNF alpha	1,830	0.45	<10	<10

Mouse High Sensitivity ProcartaPlex Panels (5 plex)				
Cat. No. EPXS050-22199-901				
Analyte	ULOQ* (pg/mL)	LLOQ** (pg/mL)	Inter-assay CV	Intra-assay CV
IFN gamma	260	0.06	<10	<10
IL-2	490	0.12	<10	<10
IL-4	560	0.14	<10	<10
IL-6	2,850	0.70	<10	<10
TNF alpha	1,390	0.34	<10	<10

* Upper limit of quantitation.

** Lower limit of quantitation.

ProcartaPlex Platinum Immunoassays

The Invitrogen™ ProcartaPlex™ Platinum Immunoassays are our most verified, bead-based multiplexing assay system. Similar to our Platinum ELISAs, ProcartaPlex Platinum assays have to pass more than 30 qualification criteria to guarantee reproducible high performance of the kits.

ProcartaPlex Platinum assays feature

- Matrix-specific diluents: optimized diluents for use with serum and plasma
- High performance: spike recovery and dilution linearity between 70–130%
- Sample friendly: only 25 µL of serum or plasma sample needed
- 100% combinability: all ProcartaPlex Platinum Simplex Kits can be combined with one another
- All in one: 100% of the required reagents are included in our panels

Overcome matrix effects

Serum and plasma samples are complex matrices with many components. This complexity can cause the “matrix effect”, which can impact the readout of many cytokines (low spike and dilution recovery). We developed matrix type-specific diluents to overcome these matrix and multiplex effects, assuring high-performance specifications comparable to those of traditional ELISAs. Spike and dilution recovery values in a range between 70–130% are obtainable with ProcartaPlex Platinum assays (Figure 17).

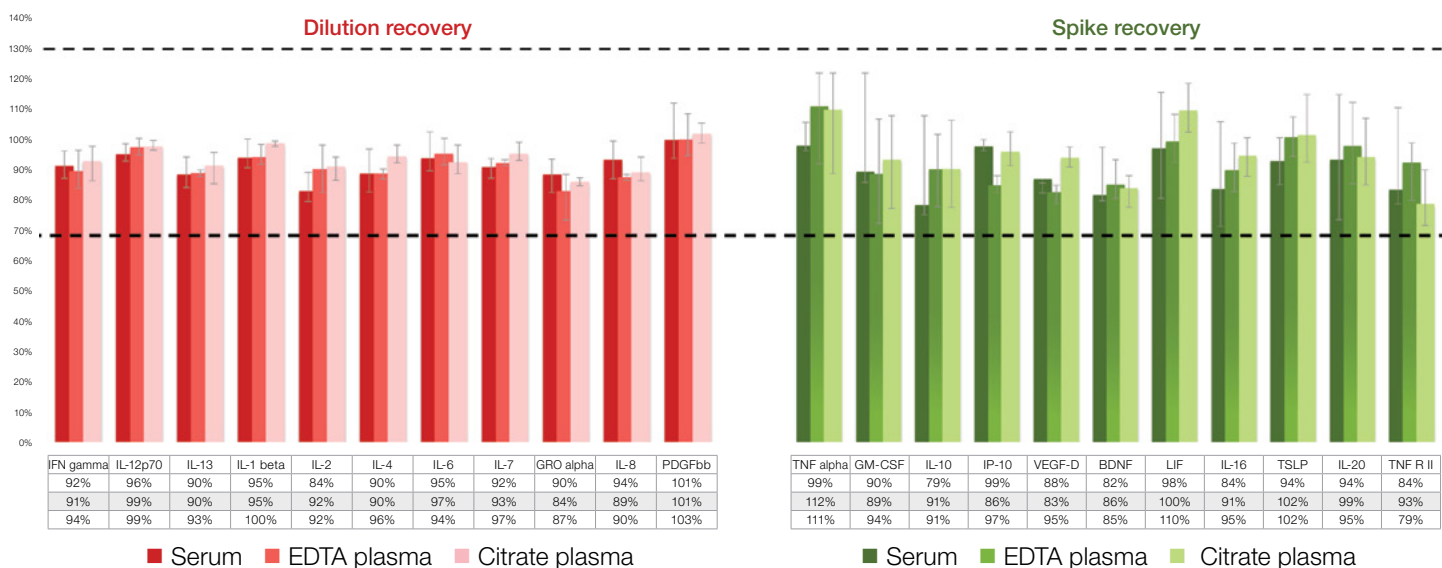


Figure 17. Dilution and spike recovery percentages were evaluated in a minimum of 5 individual donor samples per matrix by performing 4-fold serial dilutions, from 1:4 to 1:256. Mean recoveries for each matrix were calculated across the complete portfolio of ProcartaPlex Platinum assays, with a target specification of 100 ±30%.

100% combinable

ProcartaPlex Platinum Immunoassays are available in premixed panels and simplex kits. All ProcartaPlex Platinum Immunoassays are combinable with one another, eliminating any limitations on composition and size of your ProcartaPlex panel. You can select between two off-the-shelf panels or create your own custom panel.

Platinum Human Panel 1 (42 plex)			
Cat. No. EPXP420-10200-901			
BDNF	IL-15	IL-7	PECAM-1
Eotaxin	IL-16	IL-8	P-Selectin
GM CSF	IL-17A	IL-9	RANTES
GRO alpha	IL-1 beta	IP-10	SCF
HGF	IL-1RA	LIF	TNF alpha
IFN alpha	IL-2	MCP-2	TNFR1I
IFN gamma	IL-20	MIP-1 alpha	tPA
IL 1 alpha	IL-21	MIP-1 beta	TSLP
IL-10	IL-4	OPG	VEGFA
IL12p70	IL-5	PDGF BB	VEGFD
IL13	IL-6		

Platinum Human Panel 2 (13 plex)			
Cat. No. EPXP130-10100-901			
IFN gamma	IL-2	IL-8	GM CSF
IL12p70	IL-4	IL-10	
IL13	IL-5	IL-17A	
IL-1 beta	IL-6	TNF alpha	

All analytes listed above are also available as ProcartaPlex Simplex kits; a ProcartaPlex Platinum Basic Kit that includes all non-target-specific reagents is needed to perform the assay.

Immunoassay support center

Assay development service

Custom assay development services are available for protein targets that are not commercially available. By using our services, you leverage the years of assay development experience without wasting your time. Let us save you time so you can work on the important parts of your research.

- Utilize experts with 20+ years of assay development experience
- Save time and money, and avoid the hassle of optimizing and troubleshooting
- Be confident that you're getting the best assay possible

Sample testing service

No Luminex instrument available? Not sure if this is the right platform for you? Our service team consists of highly skilled and experienced professionals who will work with you throughout the stages of your project to help ensure delivery of high-quality data and results. This allows you to test the technology and see if the data meets your expectations.

- Be confident that your samples are being tested by experts for the best results possible
- Receive high-quality reports of your assay data
- Minimal investment needed to make a decision before investing in the Luminex platform

Custom assay development and services



Create your own custom panel

Build the panel of your choice with our online Invitrogen™ ProcartaPlex™ Panel Configurator. Select your analytes of interest and immediately receive recommendations for the most effective solutions for your panel needs. The ProcartaPlex multiplex immunoassays represent the most flexible Luminex assay system on the market. More than

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ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
4-1BB (CD137)	✓					
4-1BBL (CD137L)	✓					
Albumin*			✓			
Adiponectin	✓	✓		✓		
Antithrombin*	✓					
APRIL	✓					
BAFF	✓	✓				
BLC (CXCL13)	✓			✓		
BDNF	✓			✓		
Betacellulin (BTC)		✓				
BTLA (CD272)	✓					
C-peptide	✓					
CD27	✓					
CD28	✓					
CD80 (B7-1)	✓					
Calcitonin	✓					
Caspase-3 (total)	✓					
CD30	✓					
CD30L	✓					
CD40	✓					
CD40L	✓			✓		
CD44var (6var)	✓					
CRP	✓	✓	✓			
Clusterin*			✓			
CTACK (CCL27)	✓					
CTLA-4 (CD152)	✓					
Cortisol	✓					
Cystatin C*			✓			
D-Dimer	✓					
DR6	✓					
EDA-1	✓					
EGF	✓					
ENA-78 (CXCL5)	✓	✓				

ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
Endoglin (CD105)	✓					
Eotaxin (CCL11)	✓	✓	✓	✓		
Eotaxin-2 (CCL24)	✓					
Eotaxin-3 (CCL26)	✓					
E-selectin (CD62E)	✓					
Factor V*	✓					
Factor VII*	✓					
Factor VIII*	✓					
Factor IX*	✓					
Factor X*	✓					
Factor XI*	✓					
Factor XII*	✓					
Factor XIII*	✓					
Fas (APO)	✓					
Fas-L	✓					
FGF-2	✓			✓		
FGF-23	✓					
Fibrinogen	✓					
Fractalkine (CX3CL1)	✓					
Galectin-3	✓					
GAPDH	✓					
G-CSF (CSF-3)	✓	✓	✓	✓		
GITRL	✓					
GITR (CD357)	✓					
GM-CSF	✓	✓	✓	✓		
Granzyme B	✓			✓		
GRO alpha (KC/CXCL1)	✓	✓	✓			
GLP-1	✓					
Ghrelin	✓					
HER-2	✓					
HGF	✓					
HVEM (CD270)	✓					
Insulin	✓					

ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
ICAM-1	✓		✓	✓		
IFN alpha	✓	✓		✓		✓
IFN beta	✓	✓				✓
IFN gamma	✓	✓	✓	✓	✓	✓
IFN omega	✓	✓				
IgA*	✓	✓	✓			
IgE*	✓	✓				
IgG1*	✓	✓	✓			
IgG2*	✓					
IgG2a*		✓	✓			
IgG2b*		✓	✓			
IgG2c*		✓	✓			
IgG3*	✓	✓				
IgG4*	✓					
IgM*	✓	✓	✓			
IDO	✓					
IL-1 alpha	✓	✓	✓			
IL-1 beta	✓	✓	✓	✓		✓
IL-1 RA	✓			✓		
IL-2	✓	✓	✓	✓	✓	
IL-2RA (CD25)	✓	✓				
IL-3	✓	✓				
IL-4	✓	✓	✓	✓	✓	✓
IL-5	✓	✓	✓	✓		
IL-6	✓	✓	✓	✓	✓	✓
IL-7	✓	✓		✓		
IL-7RA (CD127)			✓			
IL-8 (CXCL8)	✓			✓	✓	✓
IL-9	✓	✓				
IL-10	✓	✓	✓	✓	✓	✓
IL-12/IL-23p40	✓	✓	✓	✓	✓	✓
IL-12 p70	✓	✓	✓	✓		
IL-13	✓	✓	✓	✓		

ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
IL-15	✓			✓		
IL-15/IL-15R		✓				
IL-16	✓					
IL-17A (CTLA-8)	✓	✓	✓	✓		
IL-17AF	✓					
IL-17F	✓	✓		✓		
IL-18	✓	✓		✓		
IL-19		✓				
IL-20	✓					
IL-21	✓	✓				
IL-22	✓	✓				
IL-23	✓	✓		✓		
IL-25		✓				
IL-27	✓	✓				
IL-29 (IFN lambda 1)	✓					
IL-31	✓	✓				
IL-33	✓					
IL-37	✓					
IP-10 (CXCL10)	✓	✓	✓	✓		
I-TAC (CXCL11)	✓			✓		
KIM-1*			✓			
LAG-3	✓					
LAP (TGF beta 1)	✓					
Leptin	✓	✓	✓			
Light	✓					
LIF	✓	✓				
L-selectin	✓					
MCP-1 (CCL2)	✓	✓	✓	✓	✓	
MCP-2 (CCL8)	✓					
MCP-3 (CCL7)	✓	✓	✓	✓		
M-CSF	✓	✓				
MDC (CCL22)	✓					
MIF	✓			✓		

ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
MIG (CXCL9)	✓			✓		
MIP-1 alpha (CCL3)	✓	✓	✓	✓		
MIP-1 beta (CCL4)	✓	✓		✓		
MIP-2 alpha (CXCL2)		✓	✓			
MIP-3 alpha (CCL20)	✓					
MMP-1	✓					
MMP-2	✓					
MMP-3	✓					
MMP-7	✓					
MMP-8	✓					
MMP-9	✓					
MMP-12	✓					
MMP-13	✓					
Myeloperoxidase (MPO)	✓					
NGAL	✓		✓*			
NGF beta	✓		✓	✓	✓	
Oncostatin M (OSM)	✓					
Osteopontin	✓		✓*			
Osteoprotegerin (OPG)	✓					
PAI-1 (Serpin)	✓			✓		
PDGF-BB	✓			✓		
PD-1 (CD279)	✓					
PD-L1 (CD274)	✓					
PD-L2	✓					
PECAM-1	✓					
PIGF	✓					
Protein C*	✓					
Protein S*	✓					
Prothrombin*	✓					
P-selectin	✓					
PYY	✓					
RBP4	✓					
RANKL	✓	✓	✓			

ProcartaPlex analytes	Human	Mouse	Rat	NHP	Canine	Porcine
RANTES (CCL5)	✓	✓	✓	✓		
Resistin (ADSF)	✓			✓		
SAA	✓					
SAP (Pentraxin 2)	✓					
SCF	✓			✓	✓	
SCGF beta	✓					
SDF-1 alpha (CXCL12a)	✓			✓		
ST2 (IL-33R)		✓				
Survivin (BIRC5)	✓					
TGF alpha	✓			✓		
TGF beta 1	✓	✓	✓	✓	✓	✓
Thrombopoietin (TPO)	✓					
TIM-3 (CD366)	✓					
TIMP-1	✓		✓*			
TFF-3*			✓			
TNF alpha	✓	✓	✓	✓	✓	✓
TNF beta	✓			✓		
TNF R1	✓					
TNF R2	✓					
Tissue Plasmon Activator	✓					
TRAIL	✓			✓		
TRAIL-R1	✓					
TRAIL-R2	✓					
TSLP	✓	✓				
Tweak	✓					
VCAM-1	✓		✓	✓		
VEGF-A	✓	✓	✓	✓	✓	
VEGF-D	✓			✓		
VEGF-R1	✓					
VEGF-R2	✓					
VEGF-R3	✓					
vWF*	✓					
ZAG	✓					

* Analytes only available as part of a panel.

Comprehensive immunoassay product listing

Targets across platforms

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
4-1BB (CD137/ TNFRSF9)	Human	Coated ELISA	100 µL	10 pg/mL	10–3,000 pg/mL	EHTNFRSF9
	Mouse	Coated ELISA	100 µL	6 pg/mL	6–1,500 pg/mL	EMTNFRSF9
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	7.87 pg/mL	12.21–50,000 pg/mL	EPX01A-10289-901
4-1BB ligand (CD137L)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		168.95–692,000 pg/mL	EPX010-15901-901
ACE	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.12 ng/mL	0.12–30 ng/mL	EMACE
Activin A	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–5,000 pg/mL	EHACTIVINA
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–400 pg/mL	ERINHBA
ADAM9	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–12,000 pg/mL	EHADAM9
ADAM11 (MDC)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–400 pg/mL	EHADAM11
ADAM17 (TACE)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	70 pg/mL	70–5,000 pg/mL	EHADAM17
Adiponectin	Mouse	Coated ELISA	Serum: 10 µL	50 pg/mL	0.125–8 ng/mL	KMP0041
	Rat	Coated ELISA	10 µL	50 pg/mL	0.375–24 ng/mL	KRP0041
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.6 pg/mL	56.15–230,000 pg/mL	EPX01A-12032-901
		Coated ELISA	50 µL (1:5,000 prediluted)	0.012 ng/mL	0.23–15 ng/mL	BMS2032-2
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.3 pg/mL	82.42–337,600 pg/mL	EPX01A-26038-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.3 pg/mL	38.45–157,500 pg/mL	EPX01A-42032-901
Aggrecan (PG)	Human	Coated ELISA	Serum, CCS, synovial fluid: 50 µL	0.9 ng/mL	10–250 ng/mL	KAP1461
AgRP (agouti-related protein)	Human	Coated ELISA	100 µL	6 pg/mL	6–1,800 pg/mL	EHAGRP
AHSG (fetuin A)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 ng/mL	0.2–50 ng/mL	EHAHSG
AKT (total)	Multispecies	Coated ELISA	10 µL	<0.1 ng/mL (1,500 cells)	0.3–20 ng/mL	KHO0101
AKT [pS473]	Multispecies	Coated ELISA	10 µL	<0.8 U/mL (4,000 cells)		KHO0111
AKT [pT308]	Multispecies	Coated ELISA	10 µL	<0.8 U/mL (4,000 cells)	0–100 U/mL	KHO0201
AKT Colorimetric In-Cell	Human	Coated ELISA				62215
AKT Near Infrared In-Cell	Human	Coated ELISA				62220
AKT Activation	Multispecies	InstantOne ELISA				85-86049
AKT (total/phospho)	Multispecies	InstantOne ELISA				85-86046
AKT pathway activation profile	Multispecies	InstantOne ELISA				85-86048
AKT1 (total)	Human	Coated ELISA	10 µL	0.1 ng/mL	0.3–30 ng/mL	KHO0531
AKT1 [pS473]	Human	Coated ELISA	10 µL	0.1 U/mL	0.3–25 U/mL	KHO0541
Albumin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	60 pg/mL	60–12,000 pg/mL	EHALB
ALCAM (CD166)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–5,000 pg/mL	EHALCAM
alpha-fetoprotein	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,800 pg/mL	EHAFF
alpha-synuclein	Human	Coated ELISA	50 µL	<0.2 ng/mL	0.23–15 ng/mL	KHB0061
Amphiregulin (AREG)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–4,000 pg/mL	EHAREG
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	8–600 pg/mL	EMAREG
AMPK [pT172]	Multispecies	Coated ELISA	10 µL	<1 U/mL	1.6–100 U/mL	KHO0651
Amyloid beta (aggregated)	Human	Coated ELISA	50 µL	<0.01 ng/mL	0.09–5.7 ng/mL	KHB3491
Amyloid beta (APP)	Human	Coated ELISA	10 µL	<0.4 ng/mL	0.78–50 ng/mL	KHB0051
Amyloid beta 40	Human	Coated ELISA	50 µL	<6 pg/mL	9.8–500 pg/mL	KHB3481/2
	Mouse	Coated ELISA	100 µL	<5 pg/mL	7.81–500 pg/mL	KMB3481
Amyloid beta 42	Human	Coated ELISA	50 µL	<10 pg/mL	15.6–1,000 pg/mL	KHB3441/2
	Mouse	Coated ELISA	100 µL	<3 pg/mL	3.12–200 pg/mL	KMB3441

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
Amyloid beta 42 US	Human	High Sensitivity Coated ELISA	50 µL	<1 pg/mL	1.56–100 pg/mL	KHB3544
Angiogenin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–400 pg/mL	EHANG
Angiopoietin-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–18,000 pg/mL	EHANGPT1
Angiopoietin-2	Human	Coated ELISA	25 µL	<6 pg/mL	31.2–2,000 pg/mL	KHC1641
Angiopoietin-4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.25 ng/mL	0.25–200 ng/mL	EHANGPT4
Angiopoietin like3 (ANGPTL3)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–10,000 pg/mL	EMANGPTL3
Angiopoietin like4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–20,000 pg/mL	EHANGPTL4
Angiostatin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–2,000 ng/mL	EHANGIOSTATIN
Annexin V	Human	Coated ELISA	50 µL	0.33 ng/mL	0.78–50 ng/mL	BMS252
Anti-Annexin V	Human	Coated ELISA	50 µL	1.2 ng/mL	6.3–400 ng/mL	BMS247
Anti-IFN alpha	Human	Coated ELISA	20 µL	1.4 ng/mL	3.15–200 ng/mL	BMS217
Apolipoprotein A1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.08 ng/mL	0.08–20 ng/mL	EHAPOA1
Apolipoprotein C1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–50,000 pg/mL	EHAPOC1
Apolipoprotein C2	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 ng/mL	1.5–100 ng/mL	EHAPOC2
Apolipoprotein C3	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2.5 pg/mL	2.5–10,000 pg/mL	EHAPOC3
Apolipoprotein E (AD2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 ng/mL	1.5–400 ng/mL	EHAPOE
Apolipoprotein E3	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	EHAPOE3
Apolipoprotein E4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	EHAPOE4
APRIL	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.78 pg/mL	90.70–371,500 pg/mL	EPX01A-12008-901
		Coated ELISA	50 µL	0.4 ng/mL	0.78–50 ng/mL	BMS2008
AXL	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–2,000 pg/mL	EHAXL
AXL	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–250 pg/mL	EMAXL
BAFF	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	2.9–11,800 pg/mL	EPX01A-12007-901
		Instant ELISA	50 µL	0.13 ng/mL	0.31–20 ng/mL	BMS2007INST
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	2.88–11,800 pg/mL	EPX01A-26096-901
BAFF R (TNFRSF13C)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	28 pg/mL	28–7,000 pg/mL	EMTNFRSF13C
B2M (beta-2-microglobulin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,000 pg/mL	EHB2M
BCAM (Basal cell adhesion molecule; CD239)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–10,000 pg/mL	EHBCAM
Bcl-2	Human	Coated ELISA	20 µL	0.5 ng/mL	0.50–32 ng/mL	BMS244-3
BCL2L2 (Bcl-2-like protein 2; BCL-W)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	60 pg/mL	60–16,000 pg/mL	EHBCL2L2
BCL2L2 (Bcl-2-like protein 2; BCL-W)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	ERBCL2L2
BDNF	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12–3,000 pg/mL	ERBDNF
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		1.94–7,950 pg/mL	EPXP010-12116-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.02 pg/mL	2.44–10,000 pg/mL	EPX01A-12116-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.02 pg/mL	2.44–10,000 pg/mL	EPX01A-42116-901
beta Catenin	Multispecies	InstantOne ELISA				85-86143-11
beta Catenin [pS45]	Multispecies	InstantOne ELISA				85-86142-11
beta Catenin (total)	Human	Coated ELISA	10 µL	<0.30 ng/mL	0.78–50 ng/mL	KHO1211
Betacellulin (BTC)	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.4 pg/mL	30–122,900 pg/mL	EPX01A-26042-901
beta-Secretase 1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.0 ng/mL	1.0–250 ng/mL	EHBACE1
BIRC2 (baculoviral IAP repeat-containing protein 2; cIAP2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1 ng/mL	1–250 ng/mL	EHBIRC2
BMP-2 (bone morphogenetic protein 2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–3,000 pg/mL	EHBMP2
BMP-4 (for lysates) (bone morphogenetic protein 4)	Human	Coated ELISA	Tissue lysates, cell lysates: 100 µL	15 pg/mL	15–6,000 pg/mL	EHBMP4CL

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
BMP-4 (bone morphogenetic protein 4)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–6,000 pg/mL	EHBMP4
BMP-5 (bone morphogenetic protein 5)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	250 pg/mL	0.25–60 ng/mL	EHBMP5
BMP-6 (bone morphogenetic protein 6)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	150 pg/mL	150–50,000 pg/mL	EHBMP6
BMP-7 (bone morphogenetic protein 7)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–6,000 pg/mL	EHBMP7
BMP-7 (bone morphogenetic protein 7)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–1,000 pg/mL	EMBMP7
BTC (betacellin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–18,000 pg/mL	EBBTC
BTLA (CD272)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		122.7–500,000 pg/mL	EPX01A-12217-901
		Coated ELISA	25 µL	16.7 pg/mL	78.13–5,000 pg/mL	BMS2217
C1q	Human	Coated ELISA	Serum, plasma: 10 µL (1:100 prediluted) CCS: 50 µL	0.08 ng/mL	0.9–60 ng/mL	BMS2099
C3a	Human	Coated ELISA	Plasma, serum: 10 µL (prediluted 1:500 for plasma, 1:30 for serum) CCS: 50 µL	0.07 ng/mL	0.3–20 ng/mL	BMS2089
C5a	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–400 pg/mL	EMHC
	Human	Coated ELISA	Serum: 5 µL; plasma: 10 µL; CCS: 50 µL	0.005 ng/mL	0.078–5.0 ng/mL	BMS2088
CA19-9 (carbohydrate antigen 19-9)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 U/mL	0.3–200 U/mL	EHCA199
CA9 (carbonic anhydrase IX)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 pg/mL	0.2–50 pg/mL	EHCA9
Calcitonin	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.74 pg/mL	2.23–9,150 pg/mL	EPX01A-12067-901
Cardiotrophin 1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–12,000 pg/mL	EHCTF1
Cardiotrophin 1 (CT-1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–60 ng/mL	EMCTF1
Caspase-3	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.59 pg/mL	4.88–20,000 pg/mL	EPX01A-12012-901
		Instant ELISA	10 µL	0.12 ng/mL	0.16–10 ng/mL	BMS2012INST
Caspase 3 (cleaved) Colorimetric In-Cell	Multispecies	Coated ELISA				62218
Caspase 3 (cleaved) Near Infrared In-Cell	Multispecies	Coated ELISA				62223
Caspase-3 (active)	Human	Coated ELISA	10 µL	0.033 ng/mL	0.039–2.5 ng/mL	KHO1091
Caspase-8	Human	Coated ELISA	50 µL	0.1 ng/mL	0.16–10 ng/mL	BMS2024
Caspase-9	Human	Coated ELISA	50 µL	0.4 ng/mL	1.6–100 ng/mL	BMS2025
Cathepsin L	Human	Coated ELISA	50 µL	1.7 ng/mL	3.1–50 ng/mL	BMS257
Cathepsin S (CTSS)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–1,000 pg/mL	EHCTSS
CCL1 (I-309)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–3,000 pg/mL	EHCL1
CCL1 (TCA-3)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	EMCCL1
CCL3 (MIP-1 alpha)	Human	Coated ELISA	50 µL	<2.5 pg/mL	25.6–1,000 pg/mL	EH2MIP1A2
	Human	Coated ELISA	50 µL	<2 pg/mL	15.6–1,000 pg/mL	KAC2201
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–1,000 pg/mL	EMCCL3
CCL4 (MIP-1 beta)	Human	Uncoated ELISA		16 pg/mL	16–2,000 pg/mL	88-7035-22
	Human	Instant ELISA	50 µL	3.0 pg/mL	7.8-500 pg/mL	KAC2201
CCL6 (C10)	Human	Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7034-22
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	18 pg/mL	18–1,000 pg/mL	EMCCL6
CCL8 (MCP-2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–200 pg/mL	EHCL8
	Human	Uncoated ELISA	CCS, plasma, serum: 10 µL	0.16 pg/mL	0.16–10 pg/mL	88-52169-22
CCL9 (MIP-1 gamma)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–250 pg/mL	EMCCL9
CCL12 (MCP-5)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–100 pg/mL	EMCCL12
CCL13 (MCP-4)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–200 pg/mL	EHCL13
CCL14 (HCC-1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	7 pg/mL	7–1,500 pg/mL	EHCL14

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
CCL15 (MIP-1 delta)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,000 pg/mL	EHCCL15
CCL16 (HCC-4)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–6,000 pg/mL	EHCCL16
CCL17 (TARC)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,500 pg/mL	EHCCL17
CCL17 (TARC)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–3,000 pg/mL	EMCCL17
CCL18 (PARC)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2 pg/mL–400 fold	EHCCL18
CCL19 (MIP-3 beta)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–500 pg/mL	EHCCL19
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,000 pg/mL	EMCCL19
	Human	Uncoated ELISA		63 pg/mL	63–4,000 pg/mL	88-52107
CCL20 (MIP-3 alpha)	Human	Coated ELISA	Tissue lysates, cell lysates: 100 µL	1.5 pg/mL	1.5–600 pg/mL	EHCCL20CL
CCL20 (MIP-3 alpha)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–600 pg/mL	EHCCL20
CCL20 (MIP-3 alpha)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,500 pg/mL	EMCCL20
CCL21 (SLC)	Human	Uncoated ELISA		40.6 pg/mL	40.6–2,600 pg/mL	88-58214
CCL21A (6Ckine; SLC)	Mouse	Coated ELISA	100 µL	20 pg/mL	20–1,000 pg/mL	EMCCL21A
CCL23 (MPIF-1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	7 pg/mL	7–6,000 pg/mL	EHCCL23
CCL25 (TECK)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–150 ng/mL	EHCCL25
CCL25 (TECK)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–2,000 pg/mL	EMCCL25
CD14	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EHCD14
CD23 (sCD23/FCER2)	Human	Coated ELISA	100 µL	6.8 U/mL	12.5–400 U/mL	BMS227/2*
CD26 (DPP4)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.45 ng/mL	0.45–100 ng/mL	EMDPP4
	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	BMS235*
CD27	Human	Instant ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–100 pg/mL	BMS286INST
		ProcartaPlex	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	EPX01A-10286-901
			CCS, plasma, serum: 100 µL	3 pg/mL	3–1,500 pg/mL	EPX01A-10286-901
CD28	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	BMS290
		ProcartaPlex	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EPX01A-10290-901
			CCS, plasma, serum: 100 µL	5 ng/mL	5–600 ng/mL	
CD30	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	EPX01A-10240-901
	Human	ProcartaPlex	CCS, plasma, serum: 100 µL	1.2 ng/mL	1.2–300 ng/mL	BMS240*
			CCS, plasma, serum: 100 µL	20 pg/mL	20–15,000 pg/mL	
		Coated ELISA	25 µL	0.3 ng/mL	1.6–100 ng/mL	
CD30L (TNFSF8)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–100 pg/mL	EMCD36
CD31	Human	Instant ELISA	25 µL	0.33 ng/mL	1.6–100 ng/mL	EMCD40
CD36	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	BMS265
CD40	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,500 pg/mL	EPX01A-10265-901
	Human	Coated ELISA	50 µL	1.3 pg/mL	7.8–500 pg/mL	EPX01A-10239-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		2.98–12,200 pg/mL	EPX01A-40239-901
CD40L	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	5.7–23,400 pg/mL	BMS293*/BMS239*
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6 pg/mL	5.3–21,800 pg/mL	BMS239INST*
	Human	Coated ELISA	20 µL	0.01 ng/mL	0.8–5 ng/mL	BMS6010
		Instant ELISA	15 µL	0.062 ng/mL	0.16–10 ng/mL	BMS209/2*
	Mouse	Coated ELISA	50 µL	0.14 ng/mL	0.31–20 ng/mL	BMS209INST
CD44std	Human	Coated ELISA	20 µL (1:60 prediluted)	0.02 ng/mL	0.13–4 ng/mL	BMS220
		Instant ELISA	20 µL (1:60 prediluted)	0.016 ng/mL	62.5–4,000 pg/mL	BMS210
CD44var (v5)	Human	Coated ELISA	20 µL (1:6 prediluted)	0.14 ng/mL	0.31–10 ng/mL	BMS220INST
		Coated ELISA	20 µL (1:20 prediluted)	0.05 ng/mL	0.32–10 ng/mL	EPX01A-10210-901
		Instant ELISA	20 µL	0.01 ng/mL	0.16–10 ng/mL	BMS210INST
CD44var (v6)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.13 pg/mL	24.4–100,000 pg/mL	BMS291INST
		Instant ELISA	20 µL (1:20 prediluted)	0.06 ng/mL	0.16–10 ng/mL	EPX01A-10291-901
CD80	Human	Instant ELISA	50 µL	0.1 ng/mL	0.31–20 ng/mL	88-50340-22
CD80 (B7-1)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	14.33 pg/mL	30.52–125,000 pg/mL	BMS296
CD93	Human	Uncoated ELISA	20 µL	3.3 ng/mL	3.3–400 ng/mL	BMS289
CD134 (OX40)	Human	Coated ELISA	25 µL	1.8 pg/mL	78–5,000 pg/mL	BMS276
CD137 (s4-1BB)	Human	Coated ELISA	50 µL	0.2 ng/mL	0.78–50 ng/mL	EPX01A-10276-901
CD152 (CTLA-4)	Human	Coated ELISA	10 µL	0.13 ng/mL	0.16–10 ng/mL	BMS276
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.72 pg/mL	12.21–50,000 pg/mL	EPX01A-10276-901

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
CD163 (M130)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	EHCD163
	Human	Uncoated ELISA	CCS, plasma, serum: 50 µL	0.3125 ng/mL	0.3125–20 ng/mL	88-50360
CD200	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EHCD200
CD226 (DNAM-1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 ng/mL	5–600 ng/mL	EHCD226
CD252 (OX40 L/TNFSF4)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	EMTNFSF4
CD276	Human	Uncoated ELISA		0.16 ng/mL	0.16–10 ng/mL	88-50370
CD278 (ICOS)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.2 ng/mL	1.2–300 ng/mL	EHICOS
CEACAM1 (BGP)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–15,000 pg/mL	EHCEACAM1
CEACAM5 (CEA)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–250 ng/mL	EHCEA
CFD (Adipsin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–6,000 pg/mL	EHCFD
CHI3L1 (chitinase 3-like 1; YKL-40)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,500 pg/mL	EHCHI3L1
c-Jun (total)	Multispecies	InstantOne ELISA				85-86161
c-Jun [pS73]	Multispecies	InstantOne ELISA				85-86162
c-Jun (total/phospho)	Multispecies	InstantOne ELISA				85-86163
CKMB (CKM/CKB)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 ng/mL	0.3–80 ng/mL	EHCKMB
Clusterin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–20,000 pg/mL	EHCLU
Clusterin (CLU)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	1.3 ng/mL	1.3–320 ng/mL	ERCLU
c-Met	Human	Coated ELISA	10 µL	0.4 ng/mL	0–50 pg/mL	KHO0251
c-Myc	Human	Coated ELISA	5 µL	<5 pg/mL	15.6–1,000 pg/mL	KHO2041
CNTF (ciliary neurotrophic factor)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–200 ng/mL	EHCNTF
CNTF (ciliary neurotrophic factor)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,000 pg/mL	ERCNTF
Cortisol	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		4,882.8– 20,000,000 pg/mL	EPX010-12190-901
C-peptide	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		48.83–200,000 pg/mL	EPX010-12191-901
CREB (total/phospho)	Multispecies	InstantOne ELISA				85-86153
CREB (total)	Multispecies	Coated ELISA	10 µL	<0.025 ng/mL (10 ⁴ cells)	0.16–10 ng/mL	KHO0231
CREB [pS133]	Multispecies	Coated ELISA	10 µL	<0.5 U/mL	0.8–50 U/mL	KHO0241
CRP (C-Reactive Peptide)	Human	Coated ELISA	0.03 µL	<10 pg/mL	18.75–1,200 pg/mL	KHA0031
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–60 ng/mL	ERCRP
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.29 pg/mL	4–18,000 pg/mL	EPX01A-10288-901
	Human	Uncoated ELISA		150 pg/mL	0.15–10 ng/mL	88-7502-28
		Instant ELISA	100 µL (1:500 prediluted)	3 pg/mL	78–5,000 pg/mL	BMS288INST*
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	40.62–166,400 pg/mL	EPX01A-26045-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	2.44–10,000 pg/mL	EPX01A-36047-901
CTACK (CCL27)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–10,000 pg/mL	EHCL27
	Mouse	Coated ELISA	100 µL	15 pg/mL	15–18,000 pg/mL	EMCCL27A
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.3 pg/mL	7.23–29,600 pg/mL	EPX01A-12188-901
CTLA-4 (cytotoxic T-lymphocyte protein 4)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,200 pg/mL	EMCTLA4
Cu (ZnSOD)	Human	Coated ELISA	10 µL (1:20 prediluted)	0.04 ng/mL	0.8–5 ng/mL	BMS222*
CXCL13 (BLC)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–2,000 pg/mL	EMCXCL13
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5 pg/mL	6.3–25,800 pg/mL	EPX01A-12147-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	60 pg/mL	37.89–155,200 pg/mL	EPX01A-42147-901
CXCL14 (BRAK)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	700 pg/mL	700–21,000 pg/mL	EHCL14
CXCL14 (PF-4)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–3,000 pg/mL	EMCXCL14
CXCL15	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.8 ng/mL	0.8–200 ng/mL	EMCXCL15
CXCL16	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–2,000 pg/mL	EHCL16
CXCL16	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1.3 pg/mL	1.3–80 pg/mL	EMCXCL16

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
CXCL2 (CINC-3)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–1,800 pg/mL	ERCXCL2
CXCL6 (GCP-2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–2,500 pg/mL	EHCXCL6
Cyclic AMP Competitive	Multispecies	Coated ELISA	CCS, CL, TH: 100 µL	0.39 pmol/mL (nonacetylated); 0.04 pmol/mL (acetylated)	0.78 to 200 pmol/mL (nonacetylated); 0.08 to 20 pmol/mL (acetylated)	EMSCAMPL
Cyclic GMP Competitive	Multispecies	Coated ELISA	CCS, CL, TH: 100 µL	0.6 pmol/mL (nonacetylated); 0.06 pmol/mL (acetylated)	0.8 to 500 pmol/mL (nonacetylated); 50 pmol/mL (acetylated)	EMSCGMPL
Cystatin (CST3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	300 pg/mL	0.3–20 ng/mL	EHCST3
Cystatin (CST3)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,200 pg/mL	EMCST3
Cystatin (CST3)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	1.2 ng/mL	1.2–750 ng/mL	ERCST3
Cytochrome c	Human	Coated ELISA	10 µL	<0.156 ng/mL	0.078–5 ng/mL	KHO1051
DCN (decorin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–700 pg/mL	EHCDCN
DCN (decorin)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,000 pg/mL	EMDCN
DcR3 (TNFRSF6B)	Human	Coated ELISA	100 µL	0.3 ng/mL	0.3–80 ng/mL	EHTNFRSF6B
D-Dimer	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.08 pg/mL	0.08–60 pg/mL	EHDIMMER
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	132 pg/mL	317.99–1,302,500 pg/mL	EPX01A-12149-901
DIABLO (SMAC)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	100 pg/mL	0.1–30 ng/mL	EHDIABLO
DKK-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	100 pg/mL	100–30,000 pg/mL	EHDKK1
DKK-1	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–6,000 pg/mL	EMDKK1
DKK-3	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–2,000 pg/mL	EHDKK3
DKK-4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–10,000 pg/mL	EHDKK4
DLL1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–12,000 pg/mL	EHDLL1
DMP1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–40,000 pg/mL	EHDMP1
DR5 (TNFRSF10B)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–600 pg/mL	EHTNFRSF10B
DR6	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	33.19 pg/mL	17.41–71,300 pg/mL	EPX01A-15904-901
E-cadherin	Human	Coated ELISA	100 µL	100 ng/mL	100–2,700 ng/mL	991700
E-cadherin (CDH1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–3,000 pg/mL	EMCDH1
EDA-1	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.35 pg/mL	12.55–51,400 pg/mL	EPEGF
EGF	NHP	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–2,000 pg/mL	EMEGF
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	EREGF
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	0.8 pg/mL	0.8–200 pg/mL	EPX01A-12070-901
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.85 pg/mL	2.93–12,000 pg/mL	BMS2070INST
		Instant ELISA	50 µL	0.26 pg/mL	3.91–250 pg/mL	BMS6008
	Human	Coated ELISA	50 µL	3.6 pg/mL	31.3–2,000 pg/mL	KHR9061
EGFR (full-length)	Human	Coated ELISA	10 µL	<0.08 ng/mL (10 ⁶ cells)	0.16–10 ng/mL	KHR9071
EGFR [pY1173]	Human	Coated ELISA	10 µL	<0.3 U/mL		KHR9081
EGFR [pY1068]	Human	Coated ELISA	10 µL	1.6 U/mL		62205
EGFR Colorimetric In-Cell	Multispecies	Coated ELISA				62210
EGFR Near Infrared In-Cell	Multispecies	Coated ELISA				EHPROK1
EG-VEGF (PROK1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–10,000 pg/mL	EHCXCL5
ENA-78 (CXCL5/LIX)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–18,000 pg/mL	EMCXCL5
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–2,000 pg/mL	ERCXCL5
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	ERCXCL5CL
		Coated ELISA	Tissue lysates, cell lysates: 100 µL	15 pg/mL	15–6,000 pg/mL	EPX01A-26043-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5.67 pg/mL	11.1–45,400 pg/mL	EPX01A-12119-901
Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	8.06–33,000 pg/mL	EHENG	
Endoglin (CD105)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	EMESM1
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.1 ng/mL	0.1–30 ng/mL	EPX01A-12105-901
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.09 pg/mL	0.61–2,500 pg/mL	BMS2105INST
Instant ELISA		50 µL (1:50 prediluted)	2.6 pg/mL	15.6–1,000 pg/mL	EHCOL18A1	
Endostatin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–10,000 pg/mL	EHENC1
ENC1 (CCL28)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–20,000 pg/mL	EHENC1

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
Eotaxin (CCL11)	Human	Coated ELISA	50 µL	<2.2 pg/mL	7.8-500 pg/mL	KAC2231
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1-100 pg/mL	EMCCL11
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		0.39-1,600 pg/mL	EPXP010-12120-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.01 pg/mL	0.5-2,000 pg/mL	EPX01A-26008-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	1.9-7,700 pg/mL	EPX01A-36008-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.4 pg/mL	7.56-31,000 pg/mL	EPX01A-42120-901
Eotaxin-2 (CCL24)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2-1,000 pg/mL	EHCCCL24
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4-800 pg/mL	EMCCL24
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.9 pg/mL	3.42-14,000 pg/mL	EPX01A-12150-901
Eotaxin-3 (CCL26)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.01 pg/mL	0.3-1,400 pg/mL	EPX01A-12140-901
EPCAM (TROP1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45-12,000 pg/mL	EHEPCAM
Epiregulin (EREG)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10-6,000 pg/mL	EMEREG
EPO receptor	Human	Coated ELISA	CCS, plasma, serum: 100 µL	180 pg/mL	180-12,000 pg/mL	EHEPOR
ERK 1/2 (total/phospho)	Multispecies	InstantOne ELISA				85-86013
ERK 1/2 (total)	Multispecies	InstantOne ELISA				85-86011
ERK1/2 Colorimetric In-Cell	Multispecies	Coated ELISA				62206
ERK1/2 Near Infrared In-Cell	Multispecies	Coated ELISA				62211
Erythropoietin (EPO)	Human	Coated ELISA	50 µL	0.17 mIU/mL	1.6-100 mIU/mL	BMS2035*
E-Selectin (CD62E)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10-3,000 pg/mL	EMSELE
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	555.3 pg/mL	0.29-1,200 ng/mL	EPX01A-10205-901
		Coated ELISA	20 µL	0.3 ng/mL	0.8-50 ng/mL	BMS205*
		Instant ELISA	20 µL	0.33 ng/mL	1.56-50 ng/mL	BMS205INST*
	Monkey	Coated ELISA	20 µL	0.4 U/mL	1.9-60 U/mL	BMS649
		Instant ELISA	20 µL	0.6 U/mL	1.88-60 U/mL	BMS649INST
Estradiol (17-beta-estradiol)	Human	Coated ELISA	50 µL	5 pg/mL	10-1,000 pg/mL	KAQ0621
FABP2 (intestinal)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	0.025-100 ng/mL	EHFABP2
FABP3 (cardiac)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 ng/mL	1.5-200 ng/mL	EHFABP3
Factor X	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL			EPX01A-12152-901
FAK (total)	Multispecies	Coated ELISA	10 µL	<1.6 ng/mL	1.6-100 ng/mL	KHO0431
FAK [pY397]	Multispecies	Coated ELISA	10 µL	<1.0 U/mL		KHO0441
FAP	Human	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12-4,000 pg/mL	EHFAP
Fas (APO/CD95)	Human	Coated ELISA	100 µL	<20 pg/mL	0.23-15 ng/mL	KHS9501
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	26.61 pg/mL	61.035-250,000 pg/mL	EPX01A-10245-901
Fas-L (CD178)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	90 pg/mL	90-60,000 pg/mL	ERFASLG
	Human	Coated ELISA	50 µL	0.07 ng/mL	0.16-10 ng/mL	BMS260/2*
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.7 pg/mL	2.2-9,000 pg/mL	EPX01A-10260-901
Fc epsilon RI	Human	Coated ELISA	Serum, plasma, CCS: 20 µL	0.14 ng/mL	0.078-5.00 ng/mL	BMS2101
Fc gamma R2B (FCGR2B)	Mouse	Coated ELISA	100 µL	80 pg/mL	0.08-70 ng/mL	EMFCGR2B
Fc gamma R2BC (FcGR2BC; CD32 B/C)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	85 pg/mL	85-5,000 pg/mL	EHFGR2B
Ferritin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	600 pg/mL	0.6-200 ng/mL	EHFTL
FETUB (fetuin B)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 ng/mL	4-5 ng/mL	EHFETUB
FGF-1 (FGF-alpha; fibroblast growth factor 1 (acidic))	Human	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12-4,000 pg/mL	EHFGF1
FGF-2	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8-600 pg/mL	EMFGF2
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.47 pg/mL	4.9-20,000 pg/mL	EPX01A-42074-901
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.47 pg/mL	4.9-20,000 pg/mL	EPX01A-12074-901
FGF-4 (for lysates)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	50-18,000 pg/mL	EHFGF4CL
FGF-4	Human	Coated ELISA	100 µL	50 pg/mL	50-18,000 pg/mL	EHFGF4
FGF-6	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6-6,000 pg/mL	EHFGF6

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
FGF-7 (KGF; keratinocyte growth factor)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–400 pg/mL	EHFGF7
FGF-9	Human	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	200–35,000 pg/mL	EHFGF9
FGF-19	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	EHFGF19
FGF-23	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		48.83–200,000 pg/mL	EPX010-12204-901
FGF-Basic (bFGF; FGF-2)	Human	Coated ELISA	50 µL	7 pg/mL	15.6–1,000 pg/mL	KHG0021
Fibrinogen	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	350 pg/mL	1.22–5,000 ng/mL	EPX01A-12153-901
Fibronectin	Human	Coated ELISA	50 µL (1:10,000 prediluted)	0.1 ng/mL	0.31–20 ng/mL	BMS2028
FIGF (VEGF-D; vascular endothelial growth factor D)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 ng/mL	0.2–20 ng/mL	EHFIGF
FLT1 (VEGF R1; VEGF receptor 1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–3,000 pg/mL	EMFLT1
FLT-3L (fms-related tyrosine kinase 3 ligand)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–5,000 pg/mL	EMFLT3L
FLT-3L	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–400 pg/mL	EHFLT3LG
FLT-3L	Monkey	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12–400 pg/mL	EPFLT3LG
Fractalkine (CX3CL1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	300 pg/mL	0.3–60 ng/mL	EHX3CL1
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	300 pg/mL	0.3–200 ng/mL	EMCX3CL1
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,000 pg/mL	ERCX3CL1
		Coated ELISA	Tissue lysates, Cell lysates: 100 µL	5 pg/mL	5–2,000 pg/mL	ERCXCL1CL
Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.5 pg/mL	2.08–8,500 pg/mL	EPX01A-12121-901	
FST (Follistatin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	500 pg/mL	0.5–125 ng/mL	EHFST
FSTL3 (FLRG)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	250 pg/mL	250–50,000 pg/mL	EHFSTL3
Furin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–10,000 pg/mL	EHFURIN
Galectin-1 (LGALS1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	2–10 fold	EMLGALS1
Galectin-3 (LGALS3)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–2,000 pg/mL	EMLGALS3
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	ERLGALS3
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	213.9 pg/mL	439.45–1,800,000 pg/mL	EPX01A-10279-901
Coated ELISA		50 µL	0.29 ng/mL	0.47–30.0 ng/mL	BMS279/4*	
Galectin-7	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–10,000 pg/mL	EHLGALS7
Galectin-7 (LGAL27)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	65 pg/mL	65–16,000 pg/mL	EMLGALS7
GAPDH	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	120 pg/mL	244.14–1,000,000 pg/mL	EPX01A-12154-901
		InstantOne ELISA				85-86131-11
GAS6	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–5,000 pg/mL	EMGAS6
G-CSF (CSF-3)	Human	Coated ELISA	50 µL	<20 pg/mL	39–2,500 pg/mL	KHC2031/2
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–150 pg/mL	EMCSF3
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.4 pg/mL	16.46–67,400 pg/mL	EPX01A-12001-901
		Instant ELISA	25 µL	11 pg/mL	39.1–2,500 pg/mL	BMS2001INST*
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.19 pg/mL	1.4–5,850 pg/mL	EPX01A-26034-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	3.7–15,000 pg/mL	EPX01A-36034-901
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.8 pg/mL	4.44–18,200 pg/mL	EPX01A-42001-901	
GDF-15 growth differentiation factor 15)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–800 pg/mL	EHGDF15
GDNF	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,000 pg/mL	EHGDNF
GITR (CD357)	Human	Coated ELISA	Tissue lysates, cell lysates: 100 µL	15 pg/mL	15–10,000 pg/mL	EHTNFRSF18CL
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	13.36 pg/mL	24.41–100,000 pg/mL	EPX01A-12210-901
Coated ELISA		50 µL	9.7 pg/mL	62.3–4,000 pg/mL	BMS2210	
GITRL	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–10,000 pg/mL	EHTNFSF18
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–1,000 pg/mL	EMTNFSF18
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	12.41 pg/mL	54.74–224,200 pg/mL	EPX01A-15902-901

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
GM-CSF (CSF-2)	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	72 pg/mL	72–18,000 pg/mL	ESCSF2	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.2 pg/mL	17.09–70,000 pg/mL	EPX01A-10283-901	
		Platinum ProcartaPlex	Serum, plasma: 25 µL		13.55–55,500 pg/mL	EPXP010-10283-901	
	Human	Uncoated ELISA			6 pg/mL	6–750 pg/mL	88-8337
		Coated ELISA	50 µL		2.9 pg/mL	7.8–500 pg/mL	BMS283
		Instant ELISA	50 µL		0.6 pg/mL	7.8–500 pg/mL	BMS283INST*
		Coated ELISA	50 µL		2.0 pg/mL	3.9–250 pg/mL	BMS612
	Mouse	Uncoated ELISA			4 pg/mL	4–500 pg/mL	88-7334
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.19 pg/mL	2.4–10,000 pg/mL	EPX01A-20612-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.3 pg/mL	9.8–40,000 pg/mL	EPX01A-30612-901
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.2 pg/mL	6.37–26,100 pg/mL	EPX01A-40283-901	
Granzyme B	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	117.4–120,200 pg/mL	EPX01A-12027-901	
		Coated ELISA	50 µL	0.2 pg/mL	0.66–480 pg/mL	BMS2027	
	Mouse	Uncoated ELISA			40 pg/mL	40–5,000 pg/mL	88-8022
		Coated ELISA	50 µL		1.6 pg/mL	7.8–500 pg/mL	BMS6029
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.6 pg/mL	117.4–120,200 pg/mL	EPX01A-42027-901
Ghrelin	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		195.31–800,000 pg/mL	EPX010-12192-901	
		Coated ELISA	25 µL	11.8 pg/mL	15.6–1,000 pg/mL	BMS2192	
GLP-1	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		9.76–40,000 pg/mL	EPX010-12194-901	
		Coated ELISA	50 µL	0.32 pg/mL	0.8–50.0 pg/mL	BMS2194	
GLP 7-36a	Human	Coated ELISA	CCS, plasma, serum: 100 µL	150 pg/mL	150–20,000 pg/mL	EHGLP	
Glucagon (GCG)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2.5 pg/mL	2.5–130 pg/mL	EHGCG	
GREM2 (PRDC)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	EMGREM2	
GRN (progranulin)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–15,000 pg/mL	EMGRN	
GRO alpha (KC/CINC1/CXCL1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–150 pg/mL	EMCXCL1	
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	300 pg/mL in assay diluent D and 50 pg/mL in assay diluent B	300–15,000 pg/mL	ERCXCL1	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		2.8 pg/mL	2.44–10,000 pg/mL	EPX01A-12122-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL			2.61–10,700 pg/mL	EPXP010-12122-901
		Coated ELISA	50 µL		7.6 pg/mL	16–1,000 pg/mL	BMS2122
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.05 pg/mL	1.7–7,000 pg/mL	EPX01A-26031-901
Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.4 pg/mL	11.4–46,500 pg/mL	EPX01A-36031-901	
GSK3 beta [pSer9]	Multispecies	Coated ELISA	10 µL	1.0 U/mL	0–100 U/mL	KHO0461	
GSK3 beta (total)	Multispecies	Coated ELISA	10 µL	1.6 ng/mL	78.1–5,000 ng/mL	KHO0451	
HAVCR1 (TIM-1)	Human	Coated ELISA	100 µL	2 pg/mL	2–3,000 pg/mL	EHHAVCR1	
HAVCR1 (TIM-1)	Human	Coated ELISA	100 µL	30 pg/mL	30–8,000 pg/mL	EMHAVCR1	
HAVCR1 (TIM-1)	Mouse	Coated ELISA	100 µL	10 pg/mL	10–3,000 pg/mL	ERHAVCR1	
HB-EGF	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–4,000 pg/mL	EHHBEGF	
hCG (chorionic gonadotropin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	50–40,000 pg/mL	EHCG	
HER-2	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.8 pg/mL	10.81–44,300 pg/mL	EPX01A-10207-901	
		Coated ELISA	100 µL (1:20 prediluted)	0.03 ng/mL	0.04–2.50 ng/mL	BMS207-2	
		Instant ELISA	100 µL (1:20 prediluted)	0.06 ng/mL	0.16–10 ng/mL	BMS207INST*	
HER3 (ERBB3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,500 pg/mL	EHERBB3	
HGF	Human	Coated ELISA	50 µL	<10 pg/mL	156–10,000 pg/mL	KAC2211	
		Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	400 pg/mL	0.4–60 ng/mL	EMHGF
	Human	Coated ELISA	Tissue lysates, cell lysates: 100 µL		400 pg/mL	0.4–60 ng/mL	EMHGFCL
		Platinum ProcartaPlex	Serum, plasma: 25 µL			5.32–21,800 pg/mL	EPXP010-12069-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		3.1 pg/mL	8.79–36,000 pg/mL	EPX01A-12069-901
		Instant ELISA	50 µL		5.5 pg/mL	63–4,000 pg/mL	BMS2069INST

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
hGH (human growth hormone)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–600 pg/mL	EHGH1
hGH (human growth hormone)	Human	Coated ELISA	50 µL	0.1 µIU/mL	1–150 µIU/mL	KAQ1081
HIF-1 alpha	Human	Coated ELISA	50 µL	<30 pg/mL	81.92–20,000 pg/mL	EHIF1A/2/5
HSP27 (HSPB1)	Human	Coated ELISA	10 µL	10.9 pg/mL	15.6–1,000 pg/mL	BMS2086
HSP70 (HSPA4)	Human	Coated ELISA	50 µL	0.052 ng/mL	0.156–10 ng/mL	BMS2087
HSP90 alpha	Human	Coated ELISA	100 µL (1:25 prediluted)	0.03 ng/mL	0.156–10 ng/mL	BMS2090
HTRA2 (OMI)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	200 pg/mL	0.2–50 ng/mL	EHHTRA2
HVEM (CD270; TNFRSF14)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.49 pg/mL	24.41–100,000 pg/mL	EPX01A-12218-901
		Coated ELISA	50 µL	7.89 pg/mL	31.25–2,000 pg/mL	BMS2218
ICAM-1	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EMICAM1
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–7,000 pg/mL	ERICAM1
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	76.3 pg/mL	151.85–622,000 pg/mL	EPX01A-10201-901
		Coated ELISA	10 µL	2.2 ng/mL	6.25–100 ng/mL	BMS201*
		Instant ELISA	10 µL	2.17 ng/mL	1.56–100 ng/mL	BMS201INST
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	3.98–16,300 pg/mL	EPX01A-36048-901
	NHP	Coated ELISA	10 µL	1.1 U/mL	6.3–100 U/mL	BMS648
		Instant ELISA	25 µL	1.05 U/mL	1.56–100 U/mL	BMS648INST
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.4 pg/mL	83.23–340,900 pg/mL	EPX01A-40201-901	
ICAM-2	Human	Coated ELISA	100 µL (1:20 prediluted)	0.3 U/mL	0.75–24 U/mL	BMS236
		Coated ELISA	20 µL	0.38 ng/mL	0.78–50 ng/mL	BMS218
IDO	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.2 pg/mL	4.88–20,000 pg/mL	EPX01A-12213-901
IFN alpha	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.61–2,500 pg/mL	EPX01A-10216-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL		0.81–3,300 pg/mL	EPXP010-10216-901
		Coated ELISA	20 µL	3.2 pg/mL	7.8–500 pg/mL	BMS216*
		Instant ELISA	20 µL	3.3 pg/mL	39–2,500 pg/mL	BMS216INST*
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.03 pg/mL	5.6–22,800 pg/mL	EPX01A-26027-901
		Coated ELISA	50 µL	7.48 pg/mL	31.3–2,000 pg/mL	BMS6027
	Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.008 pg/mL	0.8–3,300 pg/mL	EPX01A-66046-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	1.41–5,800 pg/mL	EPX01A-40216-901
IFN beta	Human	Coated ELISA	100 µL	50 pg/mL	50–4,000 pg/mL	414101
	Mouse	Coated ELISA	100 µL	Undetermined	15.6–1,000 pg/mL	424001
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	3.9–16,000 pg/mL	EPX01A-26044-901
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.68 pg/mL	8.54–35,000 pg/mL	EPX01A-12088-901

Over 4,500 references—visit our kit product pages or contact our Technical Support team at techsupport@lifetech.com for informative and valuable citations.

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
IFN gamma	Bovine	Semi-quantitative coated plate	100 µL	Only semi-quantitative		KBC1231	
	Bovine	Uncoated ELISA	100 µL	Undetermined	31.2–2,000 pg/mL	ESS0026B	
	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	0.1 ng/mL	0.1–25 ng/mL	ECIFNG	
	Chicken	Uncoated ELISA				CAC1233	
	Porcine	Coated ELISA	50 µL		<2 pg/mL	7.8–500 pg/mL	EPIFNG
		Uncoated ELISA					CSC4033
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			1.78–7,300 pg/mL	EPXP010-10228-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL		0.075 pg/mL	0.31–1,250 pg/mL	EPXS010-10228-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.2 pg/mL	12.21–50,000 pg/mL	EPX01A-10228-901
		Coated ELISA	50 µL		0.99 pg/mL	1.6–100 pg/mL	BMS228*
		High Sensitivity Coated ELISA	50 µL		0.06 pg/mL	0.16–10 pg/mL	BMS228HS
		Uncoated ELISA			4 pg/mL	4–500 pg/mL	88-7316
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.09 pg/mL	1.2–5,000 pg/mL	EPX01A-20606-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL		0.024 pg/mL	0.06–260 pg/mL	EPXS010-20606-901
		Coated ELISA	50 µL		5.3 pg/mL	15.6–1,000 pg/mL	BMS606
		Coated ELISA	20 µL		0.09 pg/mL	0.63–40 pg/mL	BMS609
		Uncoated ELISA			0.7 pg/mL	0.7–100 pg/mL	88-8314
		Instant ELISA	50 µL		4 pg/mL	15.6–1,000 pg/mL	BMS606INST
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.6 pg/mL	9.8–40,000 pg/mL	EPX01A-30621-901
		Coated ELISA	50 µL		9.9 pg/mL	31.3–2,000 pg/mL	BMS621
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		5.6 pg/mL	1.02–4,200 pg/mL	EPX01A-40228-901
	Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		4.1 pg/mL	6.37–26,100 pg/mL	EPX01A-50501-901
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.245 pg/mL	4.98–20,400 pg/mL	EPX01A-66047-901	
IFN omega	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	5.49–22,500 pg/mL	EPX01A-10233-901	
		Coated ELISA	25 µL	1.5 pg/mL	4.7–300 pg/mL	BMS233*	
IgA	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 ng/mL	1.5–500 ng/mL	EMIGA	
	Human	Uncoated ELISA	20 µL (1:10,000 prediluted)	1.6 ng/mL	1.6–100 ng/mL	88-50600	
		Coated ELISA	20 µL (1:10,000 prediluted)	0.03 ng/mL	1.6–100 ng/mL	BMS2096*	
	Mouse	Uncoated ELISA	10 µL (1:10,000 prediluted)	0.39 ng/mL	0.39–25 ng/mL	88-50450	
	Rat	Uncoated ELISA	50 µL (1:1,000 prediluted)	16 ng/mL	16–1,000 ng/mL	88-50480	
IgE	Human	Uncoated ELISA	10 µL	7.8 ng/mL	7.8–500 ng/mL	88-50610	
		Coated ELISA	10 µL	0.5 ng/mL	7.8–500 ng/mL	BMS2097*	
	Mouse	Uncoated ELISA	50 µL (1:10 prediluted)	4 ng/mL	4–250 ng/mL	88-50610	
		Coated ELISA	10 µL	0.5 ng/mL	7.8–500 ng/mL	BMS2097	
IGF-1 (insulin-like growth factor 1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,000 pg/mL	EMIGF1	
IGF-1	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–7,500 pg/mL	ERIGF1	
IGF-1R	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EHIGF1R	
IGF-1R [pYpY1135/1136]	Human	Coated ELISA	10 µL	<1 U/mL	0–25 U/mL	KHO0501	
IGF-2	Mouse	Coated ELISA	CCS: 100 µL	1,500 pg/mL	1.5–150 ng/mL	EMIGF2	
IGFBP-1 (insulin-like growth factor binding protein 1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,000 pg/mL	EHIGFBP1	

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IGFBP-2	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EHIGFBP2
IGFBP-2	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	600 pg/mL	0.6–600 ng/mL	EMIGFBP2
IGFBP-3	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–18,000 pg/mL	EHIGFBP3
IGFBP-3	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	70 pg/mL	70–40,000 pg/mL	EMIGFBP3
IGFBP-4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	250 pg/mL	0.25–100 ng/mL	EHIGFBP4
IGFBP-5	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 ng/mL	2–800 ng/mL	EHIGFBP5
IGFBP-5	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–3,000 pg/mL	EMIGFBP5
IGFBP-5	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–7,000 pg/mL	ERIGFBP5
IGFBP-6	Human	Coated ELISA	CCS, plasma, serum: 100 µL	150 pg/mL	150–60,000 pg/mL	EHIGFBP6
IGFBP-6	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EMIGFBP6
IkB alpha (total/ phospho)	Human	InstantOne ELISA				85-86063
IkB alpha (total)	Human	InstantOne ELISA				85-86061
IkB alpha [pSer32/36]	Human	InstantOne ELISA				85-86062
IgG subclass	Human	Uncoated ELISA				991000
IgG total	Human	Uncoated ELISA	100 µL (1:500,000 prediluted)	1.6 ng/mL	1.6–100 ng/mL	88-50550
		Coated ELISA	100 µL (1:500,000 prediluted)	0.24 ng/mL	1.6–100 ng/mL	BMS2091
	Mouse	Uncoated ELISA	10 µL (1:10,000 prediluted)	1.56 ng/mL	1.56–100 ng/mL	88-50400
	Rat	Uncoated ELISA	25 µL (1:1,000,000 prediluted)	1.6 ng/mL	1.6–100 ng/mL	88-50490
IgG1	Human	Uncoated ELISA	50 µL (1:1,000 prediluted)	0.16 ng/mL	0.16–10 ng/mL	88-50560
		Coated ELISA	50 µL (1:10,000 prediluted)	0.32 ng/mL	15.6–1,000 ng/mL	BMS2092
	Mouse	Uncoated ELISA	50 µL (1:10,000 prediluted)	3.13 ng/mL	3.13–200 ng/mL	88-50410
	Rat	Uncoated ELISA	20 µL (1:10,000 prediluted)	6.25 ng/mL	6.25–400 ng/mL	88-50500
IgG2	Human	Uncoated ELISA	20 µL (1:100,000 prediluted)	0.63 ng/mL	0.63–40 ng/mL	88-50570
		Coated ELISA	20 µL (1:100,000 prediluted)	0.25 ng/mL	1.2–75 ng/mL	BMS2093
IgG2a	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.6 ng/mL	0.6–150 ng/mL	EMIGG2A
	Mouse	Uncoated ELISA	50 µL (1:10,000 prediluted)	3.9 ng/mL	3.90–250 ng/mL	88-50420
	Rat	Uncoated ELISA	10 µL (1:100,000 prediluted)	0.39 ng/mL	0.39–25 ng/mL	88-50510
IgG2b	Mouse	Uncoated ELISA	50 µL (1:10,000 prediluted)	3.9 ng/mL	3.90–250 ng/mL	88-50430
	Rat	Uncoated ELISA	10 µL	2 ng/mL	2–125 ng/mL	88-50520
IgG2c	Mouse	Uncoated ELISA	20 µL	0.39 ng/mL	0.39–25 ng/mL	88-50670
IgG3	Human	Uncoated ELISA	25 µL (1:10,000 prediluted)	4.7 ng/mL	4.7–300 ng/mL	88-50580
		Coated ELISA	25 µL (1:10,000 prediluted)	0.21 ng/mL	4.7–300 ng/mL	BMS2094
	Mouse	Uncoated ELISA	50 µL (1:10,000 prediluted)	1.875 ng/mL	1.875–125 ng/mL	88-50440
IgG4	Human	Uncoated ELISA	10 µL (1:100 prediluted)	46.9 ng/mL	46.9–3,000 ng/mL	88-50590
		Coated ELISA	20 µL (1:1,000 prediluted)	0.1 ng/mL	9.4–600 ng/mL	BMS2095

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
IgM	Human	Uncoated ELISA	10 µL (1:10,000 prediluted)	15.6 ng/mL	15.6–1,000 ng/mL	88-50620	
		Coated ELISA	50 µL (1:10,000 prediluted)	1 ng/mL	15.6–1,000 ng/mL	BMS2098*	
	Mouse	Uncoated ELISA	50 µL (1:10,000 prediluted)	0.39 ng/mL	0.39–25 ng/mL	88-50470	
		Coated ELISA	10 µL (1:10,000 prediluted)	0.3125 ng/mL	0.31–20 ng/mL	88-50540	
	Rat	Coated ELISA	50 µL	1.1 pg/mL	1.6–100 pg/mL	BMS243/2*	
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-5019	
		Coated ELISA	50 µL	4 pg/mL	7.8–500 pg/mL	BMS611	
		Coated ELISA	50 µL	4 pg/mL	15.6–1,000 pg/mL	BMS627	
IR (total)	Human	Coated ELISA	100 µL	0.5 ng/mL	0.94–60 ng/mL	KHR9111	
IR [pY1158]	Multispecies	Coated ELISA	10 µL	<0.8 U/mL	0–100 U/mL	KHR9121	
IR [pYpY1162/1163]	Multispecies	Coated ELISA	10 µL	<0.8 U/mL	0–100 U/mL	KHR9131	
IR [pY1334]	Multispecies	Coated ELISA	10 µL	<1 U/mL	0–100 U/mL	KHR9161	
IRS 1 (total)	Multispecies	Coated ELISA	10 µL	<0.6 ng/mL	0.63–40 ng/mL	KHO0511	
IRS 1 [pS312]	Multispecies	Coated ELISA	10 µL	<1 U/mL	0–100 U/mL	KHO0521	
IL-2R (CD25)	Human	Coated ELISA	50 µL	<24 U/mL	0–6,500 U/mL	EH2IL2R	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	14 pg/mL	122.07–500,000 pg/mL	EPX01A-10212-901	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	5.2–21,300 pg/mL	EPX01A-20212-901	
IL-2RA (IL-2 receptor subunit alpha)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–4,000 pg/mL	EHIL2RA	
IL-2RB (IL-2 receptor subunit beta)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	22 pg/mL	22–6,000 pg/mL	EHIL2RB	
IL-1 alpha	Human	Coated ELISA	50 µL	<2 pg/mL	10.2–400 pg/mL	EH2IL1A	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	EMIL1A	
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–8,000 pg/mL	ERIL1A	
			ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	0.61–2,500 pg/mL	EPX01A-10243-901
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		2.22–9,100 pg/mL	EPXP010-10243-901	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.32 pg/mL	3.5–14,300 pg/mL	EPX01A-20611-901	
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.5 pg/mL	12.2–50,000 pg/mL	EPX01A-30611-901	

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
IL-1 beta	Bovine	Uncoated ELISA	100 µL	Undetermined	31–2,000 pg/mL	ESS0027	
	Canine	Coated ELISA	100 µL	10 pg/mL	10–8,000 pg/mL	ECIL1B	
	Human/ Monkey	Coated ELISA	200 µL	2 pg/mL	30–1,400 pg/mL	KAC1211	
	Human	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	ESIL1B
			ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	2.44–10,000 pg/mL	EPX01A-10224-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL		2.39–9,800 pg/mL	EPXP010-10224-901	
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.145 pg/mL	0.32–1,330 pg/mL	EPXS010-10224-901	
		Coated ELISA	50 µL	0.3 pg/mL	3.9–250 pg/mL	BMS224/2*	
		Instant ELISA	50 µL	0.7 pg/mL	7.8–500 pg/mL	BMS224INST*	
		High Sensitivity Coated ELISA	50 µL	0.05 pg/mL	0.16–10 pg/mL	BMS224HS	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.14 pg/mL	1.2–5,000 pg/mL	EPX01A-26002-901	
			Uncoated ELISA	25 pg/mL	25–3,000 pg/mL	88-8014-22	
		Coated ELISA	50 µL	1.2 pg/mL	7.8–500 pg/mL	BMS6002	
		Instant ELISA	50 µL	3 pg/mL	3.9–250 pg/mL	BMS6002INST	
	Rat	Uncoated ELISA		39 pg/mL	39–5,000 pg/mL	88-6010-22	
		Coated ELISA	50 µL	4 pg/mL	31.3–2,000 pg/mL	BMS630	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	15.9–65,000 pg/mL	EPX01A-36002-901	
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.95–3,900 pg/mL	EPX01A-40224-901		
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.092 pg/mL	3.73–15,300 pg/mL	EPX01A-66048-901		
Monkey	Coated ELISA	50 µL	0.7 U/mL	6.3–400 U/mL	BMS645		
IL-1R1 (IL-1RA; IL-1 receptor type 1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–2,000 pg/mL	EHIL1R1	
IL-1R2 (IL-RB; IL-1 receptor type 2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–3,000 pg/mL	EHIL1R2	
IL-1 R4 (IL1RL1; IL-1 receptor-like 1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–1,200 pg/mL	EHIL1RL1	
IL-1RA (IL1RN)	Equine	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	EEIL1RN	
		Platinum ProcartaPlex	Serum, plasma: 25 µL		46.85–191,900 pg/mL	EPXP010-12080-901	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	17.8 pg/mL	34.18–140,000 pg/mL	EPX01A-12080-901	
			Coated ELISA	50 µL	30 pg/mL	109–7,000 pg/mL	BMS2080
		Uncoated ELISA		2 pg/mL	2–250 pg/mL	88-7025	
		Coated ELISA	50 µL	9.1 pg/mL	18.8–1,200 pg/mL	BMS221/2*	
		Instant ELISA	50 µL	2.3 pg/mL	18.8–1,200 pg/mL	BMS221INST*	
		High Sensitivity Coated ELISA	50 µL	0.4 pg/mL	0.94–60 pg/mL	BMS221HS	
	Mouse	Uncoated ELISA		2 pg/mL	2–200 pg/mL	88-7025	
		Coated ELISA	50 µL	5.3 pg/mL	15.6–1,000 pg/mL	BMS601	
		High Sensitivity Coated ELISA	50 µL	0.05 pg/mL	0.78–50 pg/mL	BMS601HS	
	Rat	Coated ELISA	50 µL	11 pg/mL	62.5–2,000 pg/mL	BMS634	
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	17.8 pg/mL	114.8–470,200 pg/mL	EPX01A-42080-901		
Monkey	Coated ELISA	50 µL	9.1 pg/mL	18.8–1,200 pg/mL	BMS643/2		

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
IL-2	Bovine	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 ng/mL	0.2–200 ng/mL	EBIL2	
	Equine	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 ng/mL	0.2–160 pg/mL	EEIL2	
	Human	Coated ELISA	50 µL	<6 pg/mL	38.4–1,500 pg/mL	EH2IL2	
	Human	Uncoated ELISA				CHC1243	
	Monkey	Coated ELISA	50 µL	<2 pg/mL	3.9–250 pg/mL	KPC0021	
	Mouse	Coated ELISA	50 µL	<8 pg/mL	15.6–1,000 pg/mL	EMIL2	
	Porcine	Uncoated ELISA				CSC1243	
	Rat	Coated ELISA	50 µL	<5 pg/mL	23.4–1,500 pg/mL	KRC0021	
	Rat	Uncoated ELISA				CRC0023	
		Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.8 pg/mL	4.88–20,000 pg/mL	EPX01A-10221-901
			Platinum ProcartaPlex	Serum, plasma: 25 µL		4.25–17,400 pg/mL	EPXP010-10221-901
		Mouse	ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.199 pg/mL	0.44–1,820 pg/mL	EPXS010-10221-901
			ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.168 pg/mL	0.12–490 pg/mL	EPXS010-20601-901
			ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.10 pg/mL	1.2–5,000 pg/mL	EPX01A-20601-901
		Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.9 pg/mL	4.9–20,000 pg/mL	EPX01A-36052-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.05 pg/mL	0.46–1,900 pg/mL	EPX01A-40221-901	
	Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	7.32–30,000 pg/mL	EPX01A-50504-901	
IL-2R (CD25)	Human	Coated ELISA	50 µL	0.27 ng/mL	0.31–20 ng/mL	BMS212/2*	
		Instant ELISA	10 µL	0.21 ng/mL	0.31–20 ng/mL	BMS212INST*	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	14 pg/mL	122.07–500,000 pg/mL	EPX01A-10212-901	
IL-2RA (IL-2 receptor subunit alpha)	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	5.2–21,300 pg/mL	EPX01A-20212-901	
IL-2RA (IL-2 receptor subunit alpha)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–4,000 pg/mL	EHIL2RA	
IL-2RB (IL-2 receptor subunit beta)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	22 pg/mL	22–6,000 pg/mL	EHIL2RB	
IL-3	Human	Coated ELISA	100 µL	<1 pg/mL	7.8–500 pg/mL	KHC0031	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.2 pg/mL	0.2–40 pg/mL	EMIL3	

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
IL-4	Bovine	Uncoated ELISA	100 µL	Undetermined	16–1,000 pg/mL	ESS0031	
	Monkey	Coated ELISA	50 µL, 100 µL supernatant	<3 pg/mL	7.8–500 pg/mL	KPC0041	
		Coated ELISA	50 µL	2 pg/mL	15.6–1,000 pg/mL	KSC0041	
	Porcine	Uncoated ELISA				CSC1283	
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.237 pg/mL	0.86–3,530 pg/mL	EPXS010-10225-901	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			9.35–38,300 pg/mL	EPXP010-10225-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.5 pg/mL	12.21–50,000 pg/mL	EPX01A-10225-901	
		Uncoated ELISA		2 pg/mL	2–200 pg/mL	88-7046	
		Coated ELISA	50 µL	1.3 pg/mL	7.8–500 pg/mL	BMS225/2*	
		Instant ELISA	50 µL	0.66 pg/mL	7.8–500 pg/mL	BMS225INST*	
		High Sensitivity Coated ELISA	50 µL	0.1 pg/mL	0.25–16 pg/mL	BMS225HS	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.03 pg/mL	1.2–5,000 pg/mL	EPX01A-20613-901	
	Mouse	ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.055 pg/mL	0.14–560 pg/mL	EPXS010-20613-901	
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7044	
		Coated ELISA	50 µL	2 pg/mL	3.9–250 pg/mL	BMS613	
		Instant ELISA	50 µL	0.6 pg/mL	3.9–250 pg/mL	BMS613INST	
		High Sensitivity Coated ELISA	50 µL	0.32 pg/mL	0.63–40 pg/mL	BMS613HS	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.2–5,000 pg/mL	EPX01A-30613-901	
	Rat	Coated ELISA	50 µL	0.2 pg/mL	1.6–100 pg/mL	BMS628	
		NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.8 pg/mL	8.76–35,900 pg/mL	EPX01A-40225-901
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.072 pg/mL	1.44–5,900 pg/mL	EPX01A-66050-901		
IL-5	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	7.32–30,000 pg/mL	EPX01A-10278-901	
		Platinum ProcartaPlex	Serum, plasma: 25 µL		6.52–26,700 pg/mL	EPXP010-10278-901	
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7056	
		Coated ELISA	50 µL	1.5 pg/mL	7.8–500 pg/mL	BMS278*	
		Instant ELISA	50 µL	1.45 pg/mL	7.8–500 pg/mL	BMS278INST*	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.32 pg/mL	2.4–10,000 pg/mL	EPX01A-20610-901	
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7054	
		Coated ELISA	50 µL	3.3 pg/mL	7.8–500 pg/mL	BMS610	
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	2.4–10,000 pg/mL	EPX01A-30610-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	10.35–42,400 pg/mL	EPX01A-40278-901	
IL-5RA (IL-5 receptor subunit alpha; CD125)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	150 pg/mL	0.15–40 ng/mL	EHIL5RA	

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IL-6	Bovine	Uncoated ELISA	100 µL	Undetermined	78–5,000 pg/mL	ESS0029
	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	0.1 ng/mL	0.1–25 ng/mL	ECIL6
	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–10,000 pg/mL	ESIL6
	Rat	Uncoated ELISA				CRC0063
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	9.77–40,000 pg/mL	EPX01A-10213-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL		6.74–27,600 pg/mL	EPXP010-10213-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.038 pg/mL	1.03–4,230 pg/mL	EPXS010-10213-901
		Uncoated ELISA		2 pg/mL	2–200 pg/mL	88-7066
		Coated ELISA	50 µL	0.92 pg/mL	1.56–100 pg/mL	BMS213/2*
		Instant ELISA	50 µL	0.92 pg/mL	3.1–200 pg/mL	BMS213INST*
		High Sensitivity Coated ELISA	50 µL	0.03 pg/mL	0.8–5 pg/mL	BMS213HS
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.21 pg/mL	4.9–20,000 pg/mL	EPX01A-20603-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.066 pg/mL	0.70–2,850 pg/mL	EPXS010-20603-901
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7064
		Coated ELISA	50 µL	6.5 pg/mL	31.3–2,000 pg/mL	BMS603/2*
		High Sensitivity Coated ELISA	50 µL	0.21 pg/mL	1.56–100 pg/mL	BMS603HS
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.9 pg/mL	4.9–20,000 pg/mL	EPX01A-36053-901
		Coated ELISA	50 µL	12 pg/mL	31–2,000 pg/mL	BMS625
	Monkey	Coated ELISA	50 µL	1.3 U/mL	1.9–120 U/mL	BMS641/2
		Instant ELISA	50 µL	1.05 U/mL	1.9–120 U/mL	BMS641INST
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	4.028–16,500 pg/mL	EPX01A-40213-901
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	12.13–49,700 pg/mL	EPX01A-50505-901	
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.428 pg/mL	7.6–31,400 pg/mL	EPX01A-66051-901	
IL-6R (CD126)	Human	Coated ELISA	20 µL (1:50 prediluted)	0.01 ng/mL	0.8–5 ng/mL	BMS214
		Instant ELISA	20 µL (1:50 prediluted)	0.01 ng/mL	78–5,000 pg/mL	BMS214INST*
IL-6RA (IL-6 receptor subunit alpha)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,500 pg/mL	EMIL6RA
IL-6ST (gp130; IL-6 receptor subunit beta)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–6,000 pg/mL	EHIL6ST
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–10,000 pg/mL	EMIL6ST
IL-7	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,000 pg/mL	EHIL7
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–6,000 pg/mL	EMIL7
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.61–2,500 pg/mL	EPX01A-10237-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL		0.44–1,800 pg/mL	EPXP010-10237-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	7.59–31,100 pg/mL	EPX01A-26094-901
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.89–3,650 pg/mL	EPX01A-40237-901	
IL-7R alpha	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.2 pg/mL	8–32,800 pg/mL	EPX01A-26093-901

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*		
IL-8 (CXCL8)	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,500 pg/mL	ECCXCL8		
	Feline	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–6,000 pg/mL	EFCXCL8		
	Human	High Sensitivity Coated ELISA	100 µL	<0.1 pg/mL	0.39–25 pg/mL	KHC0084		
	Porcine	Coated ELISA	Serum: 50 µL; CCS: 100 µL	<10 pg/mL	31.2–2,000 pg/mL	KSC0081		
	Human	Uncoated ELISA			2 pg/mL	2–250 pg/mL	88-8086	
		Coated ELISA	50 µL		2 pg/mL	15.6–1,000 pg/mL	BMS204/3*	
		Instant ELISA	50 µL		1.3 pg/mL	15.6–1,000 pg/mL	BMS204-3INST*	
	Monkey	Coated ELISA	50 µL		3.0 U/mL	19.5–1,250 U/mL	BMS640/3	
		Instant ELISA	50 µL		1.5 U/mL	19.5–1,250 U/mL	BMS640/3INST	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.2 pg/mL	2.44–10,000 pg/mL	EPX01A-10204-901	
		Platinum ProcartaPlex	Serum, plasma: 25 µL			2.38–9,750 pg/mL	EPXP010-10204-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.2 pg/mL	3.19–13,100 pg/mL	EPX01A-40204-901	
	Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.43 pg/mL	15.77–64,600 pg/mL	EPX01A-66052-901	
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		6.9 pg/mL	10.08–41,300 pg/mL	EPX01A-50506-901		
IL-9	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	100 pg/mL	0.1–60 ng/mL	EMIL9		
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.5 pg/mL	9.77–40,000 pg/mL	EPX01A-12081-901		
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			9.30–38,100 pg/mL	EPXP010-12081-901	
		Uncoated ELISA			1 pg/mL	1–100 pg/mL	88-7958	
		Coated ELISA	50 µL		0.5 pg/mL	3.1–200 pg/mL	BMS2081	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.28 pg/mL	18.3–75,000 pg/mL	EPX01A-26041-901	
		Uncoated ELISA			32 pg/mL	32–4,000 pg/mL	88-8092	
IL-10	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	0.1 ng/mL	0.1–80 ng/mL	ECIL10		
	Feline	Coated ELISA	CCS, plasma, serum: 100 µL	90 pg/mL	0.09–25 ng/mL	EEIL10		
	Porcine	Coated ELISA	Serum, plasma: 50 µL; CCS: 100 µL	<3 pg/mL	7.8–500 pg/mL	KSC0101		
	Porcine	Uncoated ELISA				CSC0103		
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.1 pg/mL	2.44–10,000 pg/mL	EPX01A-10215-901	
		Platinum ProcartaPlex	Serum, plasma: 25 µL			0.61–2,500 pg/mL	EPXP010-10215-901	
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL		0.038 pg/mL	0.18–750 pg/mL	EPXS010-10215-901	
		Uncoated ELISA			2 pg/mL	2–300 pg/mL	88-7106	
		Coated ELISA	50 µL		1 pg/mL	3.15–200 pg/mL	BMS215/2*	
		Instant ELISA	50 µL		0.66 pg/mL	3.1–200 pg/mL	BMS215INST*	
	Human	High Sensitivity Coated ELISA	50 µL		0.05 pg/mL	0.39–25 pg/mL	BMS215HS	
		Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.69 pg/mL	2.4–10,000 pg/mL	EPX01A-20614-901	
			Uncoated ELISA			32 pg/mL	32–4,000 pg/mL	88-7105
			Coated ELISA	50 µL		5 pg/mL	15.6–1,000 pg/mL	BMS614/2
		Rat	Instant ELISA	50 µL		5.28 pg/mL	39.1–2,500 pg/mL	BMS614INST
			ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.6 pg/mL	9.8–40,000 pg/mL	EPX01A-36049-901
		Monkey	Coated ELISA	50 µL		1.5 pg/mL	15.6–1,000 pg/mL	BMS629
	Coated ELISA		50 µL		1.3 U/mL	3.9–250 U/mL	BMS642/2	
	Monkey	Instant ELISA	50 µL		1.32 U/mL	3.9–250 U/mL	BMS642INST	
		NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	0.75–3,100 pg/mL	EPX01A-40642-901	
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.7 pg/mL	8.59–35,200 pg/mL	EPX01A-50502-901		
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.25 pg/mL	3.75–15,400 pg/mL	EPX01A-66049-901		
IL-10Ra (CD210a)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2.5 ng/mL	2.5–500 ng/mL	EHIL10RA		
IL-10Rb	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–3,000 pg/mL	EHIL10RB		

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IL-11	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	EHIL11
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1,000 pg/mL	1–450 ng/mL	EMIL11
IL-12/IL-23 p40	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	1.81–7,400 pg/mL	EPX01A-12090-901
		Coated ELISA	50 µL	<10 pg/mL	31.3–2,000 pg/mL	BMS2013
	Mouse	Uncoated ELISA		2 pg/mL	2–300 pg/mL	88-7120
		Coated ELISA	50 µL	4 pg/mL	31.3–2,000 pg/mL	BMS616
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.5 pg/mL	4–16,200 pg/mL	EPX01A-26033-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	4.05–16,600 pg/mL	EPX01A-36050-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	1.81–7,400 pg/mL	EPX01A-42090-901
	Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.8 pg/mL	6.62–27,100 pg/mL	EPX01A-50503-901
	Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.46 pg/mL	45.14–184,900 pg/mL	EPX01A-62090-901
Rat	Coated ELISA	100 µL	<2.5 pg/mL	7.8–500 pg/mL	KRC2371	
IL-12 p70	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		2.49–10,200 pg/mL	EPXP010-10238-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.04 pg/mL	6.84–28,000 pg/mL	EPX01A-10238-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.044 pg/mL	0.75–3,090 pg/mL	EPXS010-10238-901
	Human	Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7126
		Coated ELISA	50 µL	2.1 pg/mL	3.1–200 pg/mL	BMS238*
		Instant ELISA	50 µL	0.99 pg/mL	3.13–200 pg/mL	BMS231INST
		High Sensitivity Coated ELISA	50 µL	0.1 pg/mL	0.16–10 pg/mL	BMS238HS
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.21 pg/mL	2.4–10,000 pg/mL	EPX01A-26004-901
		Uncoated ELISA		15 pg/mL	15–2,000 pg/mL	88-7121
		Coated ELISA	50 µL	10.0 pg/mL	15.6–1,000 pg/mL	BMS6004
	Monkey	Coated ELISA	50 µL	2.6 U/mL	3.9–250 U/mL	BMS646
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5.9 pg/mL	9.8–40,000 pg/mL	EPX01A-36004-901
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.04 pg/mL	1.5–6,150 pg/mL	EPX01A-40238-901	
IL-12 (IL-12A)	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	2.2 ng/mL	2.2–600 ng/mL	ESIL12A
IL-12 p40/70 (IL12B)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,000 pg/mL	EMIL12B
IL-12 (total)	Human	Uncoated ELISA				CHC1563
		Coated ELISA	50 µL	<2 pg/mL	7.8–500 pg/mL	KHC0121
	Monkey	Coated ELISA	100 µL	<4 pg/mL	11.7–750 pg/mL	KPC0121
	Mouse	Coated ELISA	50 µL	<2 pg/mL	7.8–500 pg/mL	EMIL12TOT
		Uncoated ELISA				CMC0123
Rat	Coated ELISA	100 µL	<3 pg/mL	15.6–1,000 pg/mL	KRC0121	
IL-13	Human	High Sensitivity Coated ELISA	50 µL	<0.6 pg/mL	0.78–50 pg/mL	KHC0133
		Coated ELISA				
	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	16 pg/mL	16–15,000 pg/mL	ESIL13
	Rat	Coated ELISA	Tissue lysates, cell lysates: 100 µL	20 pg/mL	20–20,000 pg/mL	ERIL13
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		1.56–6,400 pg/mL	EPXP010-10231-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	2.44–10,000 pg/mL	EPX01A-10231-901
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7439
		Coated ELISA	50 µL	2.8 pg/mL	7.8–500 pg/mL	BMS231/3
		Instant ELISA	50 µL	0.99 pg/mL	3.13–200 pg/mL	BMS231INST
	Mouse	Coated ELISA	50 µL	2.8 pg/mL	7.8–500 pg/mL	BMS6015
ProcartaPlex		Serum, plasma: 25 µL; CCS: 50 µL	0.16 pg/mL	2.4–10,000 pg/mL	EPX01A-26015-901	
Rat		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	4.9–20,000 pg/mL	EPX01A-36015-901
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.57–6,450 pg/mL	EPX01A-40231-901	
IL-13R alpha 2	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	EHIL13RA2

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IL-15	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	EHIL15
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	500 pg/mL	0.5–80.00 ng/mL	EMIL15
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		3.27–13,400 pg/mL	EPXP010-12089-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	3.05–12,500 pg/mL	EPX01A-12089-901
		Uncoated ELISA		20 pg/mL	20–2,500 pg/mL	88-7620
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	3.54–14,500 pg/mL	EPX01A-42089-901	
IL-15/IL-15R	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.42 pg/mL	2.0–8,050 pg/mL	EPX01A-26023-901
		Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7215
		Coated ELISA	50 µL	2 pg/mL	6.3–400 pg/mL	BMS6023
IL-16	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		3.66–15,000 pg/mL	EPXP010-12162-901
		Coated ELISA	50 µL	3.4 pg/mL	15.6–1,000 pg/mL	BMS2106
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.7 pg/mL	15.45–63,300 pg/mL	EPX01A-12162-901
IL-17A (IL-17/CTLA-8)	Porcine	Uncoated ELISA	CCS, plasma, serum: 100 µL	14 pg/mL	14–4,000 pg/mL	ESIL17A
	Human	Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7176
		Coated ELISA	50 µL	0.5 pg/mL	1.6–100 pg/mL	BMS2017
		High Sensitivity Coated ELISA	50 µL	0.01 pg/mL	0.23–15 pg/mL	BMS2017HS
	Mouse	Uncoated ELISA		4 pg/mL	4–500 pg/mL	88-7371
		Coated ELISA	50 µL	1.6 pg/mL	7.8–500 pg/mL	BMS6001
	Rat	Uncoated ELISA		2 pg/mL	2–200 pg/mL	88-7170
		Coated ELISA	50 µL	1 pg/mL	1.6–100 pg/mL	BMS635
IL-17A (IL-17/CTLA-8)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	2.44–10,000 pg/mL	EPX01A-12017-901
		ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL	0.016 pg/mL	0.25–1,030 pg/mL	EPXS010-12017-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL		11.4–46,700 pg/mL	EPXP010-12017-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.08 pg/mL	1.2–5,000 pg/mL	EPX01A-26001-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	3.7–15,000 pg/mL	EPX01A-30635-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.4 pg/mL	6.98–28,600 pg/mL	EPX01A-42017-901
	IL-17AF	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.55 pg/mL	6.1–25,000 pg/mL
Uncoated ELISA				30 pg/mL	30–4,000 pg/mL	88-7117
Mouse		Coated ELISA	50 µL	8.8 pg/mL	31.3–2,000 pg/mL	BMS2082
		Uncoated ELISA		30 pg/mL	30–4,000 pg/mL	88-8711
IL-17B	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 ng/mL	0.3–100 ng/mL	EHIL17B
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12–12,000 pg/mL	EMIL17B
IL-17E (IL-25)	Mouse	Uncoated ELISA		16 pg/mL	16–2,000 pg/mL	88-7002
		Coated ELISA	50 µL	0.9 pg/mL	3.9–250 pg/mL	BMS6046
IL-17F	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	2.05–8,400 pg/mL	EPX01A-12160-901
		Uncoated ELISA		16 pg/mL	16–2,000 pg/mL	88-7478
		Coated ELISA	50 µL	15.5 pg/mL	62.5–4,000 pg/mL	BMS2037/2
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.13 pg/mL	2.4–10,000 pg/mL	EPX01A-26020-901
		Uncoated ELISA		15 pg/mL	15–2,000 pg/mL	88-7472
		Coated ELISA	50 µL	10 pg/mL	62.5–4,000 pg/mL	BMS6020
		NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	2.05–8,400 pg/mL
IL-17R	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,000 pg/mL	EHIL17R

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IL-18	Rat	Coated ELISA	100 µL	<4 pg/mL	15.6-1,000 pg/mL	KRC2341
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	9.77-40,000 pg/mL	EPX01A-10267-901
		Coated ELISA	50 µL	9 pg/mL	78-5,000 pg/mL	BMS267/2*
		Instant ELISA	50 µL	9.2 pg/mL	78-5,000 pg/mL	BMS267INST*
	Mouse	Coated ELISA	50 µL	10 pg/mL	31.3-2,000 pg/mL	BMS618-3
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	9.95 pg/mL	36.6-150,000 pg/mL	EPX01A-20618-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	1.95-8,000 pg/mL	EPX01A-40267-901
Porcine	Coated ELISA	50 µL	23 pg/mL	39.1-2,500 pg/mL	BMS672	
IL-18BP (IL-18 binding protein)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20-18,000 pg/mL	EHIL18BP
IL-18RB (IL18RAP)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	12 pg/mL	12-3,000 pg/mL	EHIL18RAP
IL-19	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		32.6-133,500 pg/mL	EPX01A-26048-901
	Mouse	Uncoated ELISA	50 µL	62.5 pg/mL	62.5-4,000 pg/mL	88-50320
IL-20	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1-500 pg/mL	EHIL20
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	16 pg/mL	16-4,000 pg/mL	EMIL20
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		1.9-7,800 pg/mL	EPXP010-12168-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.6 pg/mL	12.26-50,200 pg/mL	EPX01A-12168-901
IL-21	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		7.15-29,300 pg/mL	EPXP010-12043-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	9.77-40,000 pg/mL	EPX01A-12043-901
		Uncoated ELISA		8 pg/mL	8-1,000 pg/mL	88-8218
	Mouse	Coated ELISA	50 µL	20 pg/mL	78-5,000 pg/mL	BMS2043
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.5 pg/mL	8.81-36,100 pg/mL	EPX01A-26021-901
		Uncoated ELISA		8 pg/mL	8-1,000 pg/mL	88-8210
		Coated ELISA	50 µL	5 pg/mL	16.1-1,000 pg/mL	BMS6021
IL-22	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	8.2 pg/mL	31.74-130,000 pg/mL	EPX01A-12047-901
		Uncoated ELISA		8 pg/mL	8-1,000 pg/mL	88-7522
		Coated ELISA	50 µL	5 pg/mL	31.3-2,000 pg/mL	BMS2047
	Mouse	Uncoated ELISA		8 pg/mL	8-1,000 pg/mL	88-7422
		Coated ELISA	50 µL	5 pg/mL	7.8-500 pg/mL	BMS6022
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.24 pg/mL	12.2-50,000 pg/mL	EPX01A-26022-901
IL-23 (heterodimer) (IL12B/IL23A)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.9 pg/mL	14.65-60,000 pg/mL	EPX01A-12023-901
		Uncoated ELISA		15 pg/mL	15-2,000 pg/mL	88-7237
		Coated ELISA	50 µL	4 pg/mL	15.6-2,000 pg/mL	BMS2023/3
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.21 pg/mL	12.2-50,000 pg/mL	EPX01A-26017-901
		Uncoated ELISA		8 pg/mL	8-1,000 pg/mL	88-7230
	NHP	Coated ELISA	50 µL	16 pg/mL	31.3-2,000 pg/mL	BMS6017
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.9 pg/mL	6.71-27,500 pg/mL	EPX01A-42023-901
IL-25 (IL-17E)	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		4.6-19,100 pg/mL	EPX01A-26046-901
IL-27	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5.1 pg/mL	24.41-100,000 pg/mL	EPX01A-12085-901
		Uncoated ELISA		64 pg/mL	64-8,000 pg/mL	88-7278
		Coated ELISA	50 µL	9.5 pg/mL	62.5-4,000 pg/mL	BMS2085
	Mouse	Uncoated ELISA		16 pg/mL	16-2,000 pg/mL	88-7274
		Coated ELISA	50 µL	8.76 pg/mL	31.3-2,000 pg/mL	BMS6024
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.34 pg/mL	2.4-10,000 pg/mL	EPX01A-26024-901
IL-28 (IFNL2)	Human	Uncoated ELISA	50 µL	15.6 pg/mL	15.6-1,000 pg/mL	88-52102
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	20.31 pg/mL	41-168,000 pg/mL	EPX01A-26028-901
		Coated ELISA	50 µL	12.85 pg/mL	31.3-2,000 pg/mL	BMS6028
IL-28A	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15-10,000 pg/mL	EHIL28A

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
IL-28B (IFN lambda 3)	Mouse	Uncoated ELISA		32 pg/mL	32–4,000 pg/mL	88-7284
IL-29 (IFN lambda 1)	Human	Uncoated ELISA		8 pg/mL	8–1,000 pg/mL	88-7296
		Coated ELISA	50 µL	2 pg/mL	15.6–1,000 pg/mL	BMS2049
IL-31	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	28.3 pg/mL	51.83–212,300 pg/mL	EPX01A-12049-901
		Coated ELISA	50 µL	3.3 pg/mL	19.53–80,000 pg/mL	EPX01A-12041-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.45 pg/mL	7.6–31,200 pg/mL	EPX01A-26030-901
		Coated ELISA	50 µL	9.1 pg/mL	15.65–1,000 pg/mL	BMS6030
IL-33	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.24 pg/mL	2.29–9,400 pg/mL	EPX01A-12048-901
		Coated ELISA	50 µL	0.2 pg/mL	7.8–500 pg/mL	BMS2048
	Mouse	Uncoated ELISA		25 pg/mL	25–3,000 pg/mL	88-7333
		Coated ELISA	50 µL	11.2 pg/mL	46.9–3,000 pg/mL	BMS6025
IL-36G (IL-1F9)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	13 pg/mL	13–3,000 pg/mL	EHIL36G
IL-37 (FIL1/IL-1F7)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–20,000 pg/mL	EHIL37
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.99 pg/mL	4.22–17,300 pg/mL	EPX010-12268-901
Insulin		Human	Uncoated ELISA	50 µL	31.3 pg/mL	31.3–2,000 pg/mL
	Coated ELISA		50 µL	0.17 U/mL	5.1–250 U/mL	KAQ1251
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 µIU/mL	5–400 µIU/ml	EMINS
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	5 µIU/mL	5–300 µIU/mL	ERINS
IP-10 (CXCL10/CRG-2)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		195.31–800,000 pg/mL	EPX010-12003-901
		Coated ELISA	50 µL	<2 pg/mL	7.8–500 pg/mL	KAC2361
		Uncoated ELISA				CHC2363
		Platinum ProcartaPlex	Serum, plasma: 25 µL		2.25–9,200 pg/mL	EPXP010-10284-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	1.95–8,000 pg/mL	EPX01A-10284-901
		Instant ELISA	10 µL	1 pg/mL	3.1–200 pg/mL	BMS284INST
		Coated ELISA	50 µL	6.5 pg/mL	7.8–500 pg/mL	BMS6018
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.26 pg/mL	0.5–2,000 pg/mL	EPX01A-26018-901
Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.9 pg/mL	4.9–20,100 pg/mL	EPX01A-30636-901	
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	10.54–43,200 pg/mL	EPX01A-40284-901	
Iso-Insulin	Human	Instant ELISA	50 µL	16.6 pg/mL	31.3–2,000 pg/mL	BMS2003INST
I-TAC (CXCL11)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–600 pg/mL	EHXCXCL11
		Coated ELISA	50 µL	<5 pg/mL	41.0–4,000 pg/mL	EHITAC
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–4,000 pg/mL	EMCXCL11
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.6 pg/mL	5.37–22,000 pg/mL	EPX01A-12124-901
NHP		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.8 pg/mL	5.63–23,100 pg/mL	EPX01A-42124-901
JNK 1/2 (total/phospho)	Multispecies	InstantOne ELISA				85-86198
JNK 1/2 [pThr183/Tyr185]	Multispecies	InstantOne ELISA				85-86197
JNK 1/2 (total)	Multispecies	InstantOne ELISA				85-86196
JAK2 (total)	Human	Coated ELISA	10 µL	<0.95 ng/mL	0.95–60 ng/mL	KHO5521
JAK2 [pYpY1007/1008]	Human	Coated ELISA	10 µL	1.5 U/mL	0–100 U/mL	KHO5621
KLK-10	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 ng/mL	2–600 ng/mL	EHKLK10
KLK14	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–500 pg/mL	EHKLK14
KLK6	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.6 ng/mL	0.6–150 ng/mL	EHKLK6
LAG-3 (CD223)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.37 pg/mL	12.21–50,000 pg/mL	EPX01A-12211-901
		Coated ELISA	10 µL	2.20 pg/mL	6.2–400 pg/mL	BMS2211
LAP (TGF beta 1)	Human	Uncoated ELISA	10 µL	156.3 pg/mL	156.3–10,000 pg/mL	88-50390
		Coated ELISA	10 µL	0.098 ng/mL	0.16–10 ng/mL	BMS2065
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.96 ng/mL	3.052–12,500 pg/mL	EPX010-12065-901
	Mouse	Uncoated ELISA	20 µL	0.2 ng/mL	0.2–12.5 ng/mL	88-50690

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
Leptin	Human	Coated ELISA	100 µL	<3.5 pg/mL	15.6–1,000 pg/mL	KAC2281
	Mouse	Coated ELISA	100 µL	<50 pg/mL	93.8–6,000 pg/mL	KMC2281
	Rat	Coated ELISA	20 µL	<20 pg/mL	62.5–4,000 pg/mL	KRC2281
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.0 pg/mL	19.31–79,100 pg/mL	EPX01A-12039-901
		Instant ELISA	50 µL (1:25 prediluted)	20.0 pg/mL	63–4,000 pg/mL	BMS2039INST
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	7.15–29,300 pg/mL	EPX01A-26036-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.4 pg/mL	16.92–69,300 pg/mL	EPX01A-32039-901
Leukotriene B4 (LTB4)	Multispecies	Coated ELISA	100 µL	<19.4 pg/mL	47–12,000 pg/mL	EHLTB4
Leukotriene B4 (LTB4)	Human	Coated ELISA	100 µL		8.2–5,000 pg/mL	KHL1741
LH (lutening hormone)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	140 pg/mL	140–10,000 pg/mL	EHLH
LIF	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		3.52–14,400 pg/mL	EPXP010-10242-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.83 pg/mL	6.1–25,000 pg/mL	EPX01A-10242-901
		Coated ELISA	50 µL	0.7 pg/mL	3.15–200 pg/mL	BMS242
		Coated ELISA	20 µL	2.3 pg/mL	15.6–1,000 pg/mL	BMS281
		Instant ELISA	20 µL	2.3 pg/mL	15.6–1,000 pg/mL	BMS281INST
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.28 pg/mL	2.4–9,850 pg/mL	EPX01A-26040-901
		Uncoated ELISA		15 pg/mL	15–2,000 pg/mL	88-7391
		Coated ELISA	50 µL	2.2 pg/mL	15.6–1,000 pg/mL	BMS6005
		Rat	Instant ELISA	50 µL (1:25 prediluted)	4.7 pg/mL	7.8–500 pg/mL
LIGHT (CD258)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–6,000 pg/mL	EHTNFSF14
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.31 pg/mL	2.09–8,550 pg/mL	EPX01A-12009-901
LIMP-II (SCARB2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,500 pg/mL	EHSCARB2
Lipocalin-2 (LCN2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–1,000 pg/mL	EHLCN2
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.02 ng/mL	0.02–100 ng/mL	EMLCN2
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	ERLCN2
LOX-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–500 pg/mL	EHOLR1
L-selectin (CD62L)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–10,000 pg/mL	EMSELL
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	ERSELL
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	10.5 pg/mL	6.62–150,000 pg/mL	EPX01A-10206-901
		Coated ELISA	50 µL (1:100 prediluted)	0.2 ng/mL	0.4–25 ng/mL	BMS206*
		Instant ELISA	50 µL (1:100 prediluted)	0.19 ng/mL	0.39–25 ng/mL	BMS206INST*
Lymphotactin XCL1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	150 pg/mL	0.15–50 ng/mL	EHXCL1
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–3,000 pg/mL	EMXCL1
LYVE-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–2,000 pg/mL	EHLVVE1
mAB Isotyping	Mouse	Coated ELISA	CCS, ascites	3 ng/mL		37503
Mast cell protease-1 (MCPT-1)	Mouse	Uncoated ELISA		120 pg/mL	120–15,000 pg/mL	88-7503
MBL (MBL2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.03 ng/mL	0.03–25 ng/mL	EHMBL2
MBL oligomer	Human	Coated ELISA	100 µL	<0.1 ng/mL	0.4–40 ng/mL	KIT029
MCP-1 (CCL2)	Human	Coated ELISA	50 µL	<20 pg/mL	31.2–2,000 pg/mL	KHC1011/2
	Mouse	Coated ELISA	50 µL	<4 pg/mL	16–1,000 pg/mL	EMMCP1/2/5
	Rat	Coated ELISA	50 µL	<5 pg/mL	38–1,500 pg/mL	ERMCP1/2/5
	Human	Uncoated ELISA		7 pg/mL	7–1,000 pg/mL	88-7399
	Mouse	Uncoated ELISA		15 pg/mL	15–2,000 pg/mL	88-7391
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	1.22–5,000 pg/mL	EPX01B-10281-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	3.43 pg/mL	7.3–30,000 pg/mL	EPX01A-26005-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	10.9 pg/mL	18.3–75,000 pg/mL	EPX01A-36005-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	3.76–15,400 pg/mL	EPX01B-40281-901
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.7 pg/mL	6.23–25,500 pg/mL	EPX01A-50507-901	
MCP-2 (CCL8)	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		0.56–2,300 pg/mL	EPXP010-12169-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.49–2,000 pg/mL	EPX01A-12169-901

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
MCP-3 (CCL7)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	3.9–15,800 pg/mL	EPX01A-12125-901
		Uncoated ELISA	50 µL (prediluted 1:2)	0.3125 pg/mL	0.3125–20 pg/mL	88-50700
		Coated ELISA	50 µL	0.1 pg/mL	0.3–20 pg/mL	BMS2125
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.15 pg/mL	0.2–1,000 pg/mL	EPX01A-26006-901
		Instant ELISA	50 µL	2.6 pg/mL	15.6–1,000 pg/mL	BMS6006INST
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	3.5–14,200 pg/mL	EPX01A-36006-901
MCP-5 (CCL12)	Mouse	Instant ELISA	50 µL	2.3 pg/mL	15.6–1,000 pg/mL	BMS6007INST
M-CSF	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,000 pg/mL	EHCSF1
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–350 pg/mL	EMCSF1
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	7 pg/mL	16.72–68,500 pg/mL	EPX01A-12126-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.02 pg/mL	0.3–1,100 pg/mL	EPX01A-26039-901
MDC (CCL22)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–600 pg/mL	EMCCL22
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.28 pg/mL	12.42–50,900 pg/mL	EPX01A-10282-901
Mer (MERTK)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.15 ng/mL	0.15–40 ng/mL	EHMER
MFG-E8	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–600 pg/mL	EMMFGE8
MICA	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–10,000 pg/mL	EHMICA
MICB	Human	Coated ELISA	CCS, plasma, serum: 100 µL	75 pg/mL	0.075–50 ng/mL	EHMICB
MIF	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EHMIF
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.06 pg/mL	0.4–1,600 pg/mL	EPX01A-12127-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.06 pg/mL	0.4–1,600 pg/mL	EPX01A-42127-901
MIG (CXCL9)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EHCXCL9
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–2,000 pg/mL	EMCXCL9
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.36 pg/mL	22.2–91,100 pg/mL	EPX01A-10285-901
		Instant ELISA	50 µL	4 pg/mL	31.3–2,000 pg/	BMS285INST
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.36 pg/mL	6.12–25,100 pg/mL	EPX01A-40285-901
MIP-1 alpha (CCL3)	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		1.71–7,000 pg/mL	EPXP010-12029-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	2.14–8,750 pg/mL	EPX01A-12029-901
		Instant ELISA	50 µL	6 pg/mL	15.6–1,000 pg/mL	BMS2029INST
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.13 pg/mL	0.5–2,000 pg/mL	EPX01A-26013-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	2.3–9,500 pg/mL	EPX01A-36013-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.1 pg/mL	6.03–24,700 pg/mL	EPX01A-42029-901
MIP-1 beta (CCL4)	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		5.37–22,000 pg/mL	EPXP010-12030-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.7 pg/mL	6.1–25,000 pg/mL	EPX01A-12030-901
		Instant ELISA	50 µL	3 pg/mL	7.8–500 pg/mL	BMS2030INST
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.16 pg/mL	1.2–5,000 pg/mL	EPX01A-26014-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.7 pg/mL	22.045–90,300 pg/mL	EPX01A-42030-901
MIP-2 alpha (CXCL2)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,000 pg/mL	EMCXCL2
	Rat	Coated ELISA	50 µL	<1 pg/mL	10–640 pg/mL	KRC1021
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.37 pg/mL	0.7–3,000 pg/mL	EPX01A-26032-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	0.6–2,400 pg/mL	EPX01A-36054-901
MIP-3 alpha (CCL20)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.2 pg/mL	1.95–8,000 pg/mL	EPX01A-12128-901
MMP-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–18,000 pg/mL	EHMMP1
		Coated ELISA	Tissue lysates, cell lysates: 100 µL	8 pg/mL	8–18,000 pg/mL	EHMMP1CL
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.04 pg/mL	7.84–32,100 pg/mL	EPX01A-12129-901
MMP-2	Human	Coated ELISA	50 µL	<1 ng/mL	0.78–50 ng/mL	KHC3082
	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–20,000 pg/mL	EHMMP2
Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5.3 pg/mL	34.30–140,500 pg/mL	EPX01A-12132-901	
MMP-3	Human	Uncoated ELISA	50 µL	<0.1 ng/mL	0.62–20 ng/mL	CHC1543
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–10,000 pg/mL	EMMMP3
	Human	Coated ELISA	10 µL	0.0005 ng/mL	0.06–4 ng/mL	BMS2014/3
ProcartaPlex		Serum, plasma: 25 µL; CCS: 50 µL	4.6 pg/mL	17.97–73,600 pg/mL	EPX01A-12014-901	
MMP-7	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.04 pg/mL	7.37–30,200 pg/mL	EPX01A-12133-901

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
MMP-8	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EHMMP8
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	0.05–40 ng/mL	ERMMP8
MMP-9	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	8 pg/mL	25.17–103,100 pg/mL	EPX01A-12134-901
		Coated ELISA	10 µL (1:25 prediluted)	0.05 ng/mL	0.23–15 ng/mL	BMS2016/2*
MMP-10	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.83–3,400 pg/mL	EPX01A-12016-901
MMP-12	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,500 pg/mL	EHMMP10
MMP-13	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.4 pg/mL	4.30–17,600 pg/mL	EPX01A-12130-901
		Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–6,000 pg/mL	EHMMP13
MSP (MST1)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.1 pg/mL	5.76–23,600 pg/mL	EPX01A-12131-901
Mucin 1 (CA15-3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–2,000 pg/mL	EHMST1
Mucin 16 (CA125)	Human	Coated ELISA	100 µL	4 mU/mL	4–1,000 mU/mL	EHMUC1
Myeloperoxidase (MPO)	NHP	Coated ELISA	CCS, plasma, serum: 100 µL	0.6 U/mL	0.6–400 U/mL	EHMUC16
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	600 pg/mL	0.6–150 ng/mL	EMMPO
N-CAM1	Human	Instant ELISA	50 µL (1:50 prediluted)	0.03 ng/mL	0.16–10 ng/mL	BMS2038INST
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	11.9 pg/mL	122.07–500,000 pg/mL	EPX01A-12038-901
Nephrilysin (MME)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 pg/mL	0.5–150 ng/mL	EHNCA1
NF kappaB p65 (total/phospho)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	EHMME
NF kappaB p65 [pSer536]	Human	InstantOne ELISA				85-86083
NF kappaB p65 (total)	Human	InstantOne ELISA				85-86082
NGAL	Human	InstantOne ELISA				85-86081
		Coated ELISA	100 µL (prediluted 1:10)	<2 pg/mL	4–1,000 pg/mL	KIT036
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		4.98–20,400 pg/mL	EPX01A-12202-901
NGF beta (beta-NGF)	Human	Coated ELISA	50 µL	6.5 pg/mL	7.80–500 pg/mL	BMS2202
		Coated ELISA	CCS, plasma, serum: 100 µL	14 pg/mL	14–5,000 pg/mL	EHNGB
	Rat	Coated ELISA	Tissue lysates, cell lysates: 100 µL	15 pg/mL	15–15,000 pg/mL	ERNGFCL
	Human	Coated ELISA	100 µL	15 pg/mL	15–15,000 pg/mL	ERNGF
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.19 pg/mL	7.32–30,000 pg/mL	EPX01A-12117-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	11.5 pg/mL	5.05–20,700 pg/mL	EPX01A-32117-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.19 pg/mL	7.32–30,000 pg/mL	EPX01A-42117-901
NGFR	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.9 pg/mL	3.91–16,000 pg/mL	EPX01A-52117-901
NGFR	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80 pg/mL–20 ng/mL	EHNGBFR
Nidogen-1 (NID1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	100 pg/mL	0.1–30 ng/mL	EHNID1
Nitric Oxide (total)	Multispecies	Coated ELISA	50 µL	1.35 µM	3.1–100 µM	EMSNOTOT
Nitric Oxide	Multispecies	Coated ELISA	50 µL	0.222 µM nitrite; 0.625 µM nitrate	0–100 µM	EMSNO
NOTCH-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–7,000 pg/mL	EHNOTCH1
NOV	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–30 ng/mL	EHNNOV
NPPB (BNP)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	14 pg/mL	14–1,000 pg/mL	EHNPPB
NrCAM	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 ng/mL	0.3–80 ng/mL	EHNRCAM
NRG1-b 1 (NRG1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	50–20,000 pg/mL	EHNRG1
NT-3 (NTF3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–3,000 pg/mL	EHNNTF3
NT-4 (NTF4)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–1,000 pg/mL	EHNNTF4
Oncostatin M (OSM)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–1,000 pg/mL	EHOSM
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.8 pg/mL	9.77–40,000 pg/mL	EPX01A-12163-901
Oncostatin M receptor (OSMR)	Human	Uncoated ELISA	100 µL (1:100 prediluted)	312.5 pg/mL	312.5–20,000 pg/mL	88-50330-22
Osteoactivin (GPNMB)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–12,000 pg/mL	EHGPNMB
Osteocalcin	Human	Coated ELISA	25 µL	0.08 ng/mL	1.56–75 ng/mL	KAQ1381
	Human	Instant ELISA	25 µL	0.2 ng/mL	1.2–75 ng/mL	BMS2020INST
Osteopontin (OPN/SPP1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,000 pg/mL	EMSPP1
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.3 pg/mL	12.2–50,000 pg/mL	EPX01A-12066-901
		Coated ELISA	20 µL	0.26 ng/mL	0.47–30 ng/mL	BMS2066

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
Osteoprotegerin (OPG)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–900 pg/mL	EHTNFRSF11B	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–1,200 pg/mL	EMTNFRSF11B	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		6.79–27,800 pg/mL	EPXP010-12021-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	50 µL	3.2 pg/mL	7.3–30,000 pg/mL	EPX01A-12021-901
		Instant ELISA		2.5 pg/mL	15.6–1,000 pg/mL	BMS2021INST	
p21	Human	Coated ELISA	10 µL	<5 pg/mL	15.7–1,000 pg/mL	KHO5421	
p38 (total)	Multispecies	Coated ELISA	100 µL	<16 pg/mL	31.2–2,000 pg/mL	KHO0061	
p38 MAPK (total/ phospho)	Multispecies	InstantOne ELISA				85-86023	
p38 MAPK (total)	Multispecies	InstantOne ELISA				85-86021	
p38 MAPK [pThr180/ Tyr182]	Multispecies	InstantOne ELISA				85-86022	
p53 (total/phospho)	Human	InstantOne ELISA				85-86123	
p53 (total)	Human	InstantOne ELISA				85-86121	
p53 Colorimetric In-Cell	Multispecies	Coated ELISA				62216	
p53	Human	Coated ELISA	50 µL	0.33 U/mL	0.78–50 U/mL	BMS256	
p70 S6K [total/phospho]	Multispecies	InstantOne ELISA				85-86053	
p70 S6K [pThr389]	Multispecies	InstantOne ELISA				85-86052	
p70 S6K (total)	Multispecies	InstantOne ELISA				85-86051	
PAI-1	Monkey	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EPSERPINE1	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–20,000 pg/mL	EMSERPINE1	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	50 µL	2.4 pg/mL	26.17–107,200 pg/mL	EPX01A-12033-901
		Coated ELISA	50 µL (1:50 prediluted)		29.0 pg/mL	78–5,000 pg/mL	BMS2033
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.03 pg/mL	2.69–11,000 pg/mL	EPX01A-42033-901	
PAPP-A	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.6 ng/mL	0.6–500 ng/mL	EHPAPPA	
PARN (DAN)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–20,000 pg/mL	EHPARN	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–10,000 pg/mL	EMPARN	
PARP (cleaved) Colorimetric In-Cell	Multispecies	Coated ELISA				62219	
PARP (cleaved) Near Infrared In-Cell	Multispecies	Coated ELISA				62224	
PARP Cleavage [214/215]	Human	Coated ELISA	10 µL	<0.062 ng/mL	0.156–10 ng/mL	KHO0741	
P-cadherin (CDH3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–18,000 pg/mL	EHCADH3	
PD-1 (CD279)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EHPDCD1	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5.04 pg/mL	6.1–25,000 pg/mL	EPX01A-12214-901	
Coated ELISA		50 µL		1.14 pg/mL	2.34–150 pg/mL	BMS2214	
PD-L1 (CD274)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.96 pg/mL	4.88–20,000 pg/mL	EPX01A-12212-901	
		Coated ELISA	50 µL	0.56 pg/mL	4.69–300 pg/mL	BMS2212	
PD-L2	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	48.17 pg/mL	48.83–200,000 pg/mL	EPX01A-12215-901	
PDGF-AA	Human	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–30,000 pg/mL	EHPDGFA	
	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	90 pg/mL	90–6,000 pg/mL	ERPDGFA	
PDGF-AB	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,500 pg/mL	EHPDGFB	
PDGF-BB	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–1,200 pg/mL	ECPDGFB	
	Porcine	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,500 pg/mL	ESPDGFB	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		4.78–19,600 pg/mL	EPXP010-12071-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	50 µL	6.01 pg/mL	7.32–30,000 pg/mL	EPX01A-12071-901
	Coated ELISA	50 µL (1:10 prediluted)		4.6 pg/mL	31.3–2,000 pg/mL	BMS2071	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.01 pg/mL	7.32–30,000 pg/mL	EPX01A-42071-901	
PDGFR alpha	Human	Coated ELISA	CCS, plasma, serum: 100 µL	400 pg/mL	0.4–120 ng/mL	EHPDGFR	
PDGFR beta	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–18,000 pg/mL	EHPDGFRB	

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
PECAM-1 (CD31)	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		126–516,100 pg/mL	EPXP010-10229-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	162.5 pg/mL	488.28– 2,000,000 pg/mL	EPX01A-10229-901
		Coated ELISA	10 µL	0.06 ng/mL	0.47–30 ng/mL	BMS229
PECAM-2	Human	Instant ELISA	10 µL	0.06 ng/mL	0.47–30 ng/mL	BMS229INST
PECAM-3	Monkey	Instant ELISA	10 µL	0.06 U/mL	0.48–30 U/mL	BMS651INST
Pepsinogen I (PGI)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–6,000 pg/mL	EHPGI
Pepsinogen II (PGC)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–10,000 pg/mL	EHPGC
Periostin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	0.08–60 ng/mL	EHPOSTN
PF-4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	20 pg/mL	20–15,000 pg/mL	EHPF4
PGRPS (PGLYRP1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–1,500 pg/mL	EHPGLYRP1
PIGF-1	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.23 pg/mL	1.22–5,000 pg/mL	EPX01A-12155-901
PLGF (PGF)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–1,000 pg/mL	EHPGF
PLGF-2 (PGF)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–400 pg/mL	EMPGF
PMN-elastase	Human	Coated ELISA	100 µL (1:100 prediluted)	1.98 ng/mL	0.16–10 ng/mL	BMS269*
PPBP (NAP-2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8.5 pg/mL	8.5–1,000 pg/mL	EHPBP
PPBP (TCK-1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	14 pg/mL	14–8,000 pg/mL	EMPPBP
PPBP (TCK-1)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–50,000 pg/mL	ERPPBP
proBNP (NPPB)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.14 ng/mL	0.14–100 ng/mL	EHPRONPPB
Procalcitonin (PCT)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	EHPCT
pro-MMP-9	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	50–18,000 pg/mL	EMMMP9
Prolactin (PRL)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	EMPRL
Prolactin R	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	400 pg/mL	0.4–50 ng/mL	ERPRLR
Prostaglandin E2 Competitive	Multispecies	Coated ELISA	100 µL	<15.9 pg/mL	39–5,000 pg/mL	EHPGE2
Prostaglandin E2	Human	Coated ELISA	100 µL		31.3–4,000 pg/mL	KHL1701
PRSS22 (BSSP4)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	60 pg/mL	60–4,000 pg/mL	EMPRSS22
PRSS27 (Marapsin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–10,000 pg/mL	EHPRSS27
PRSS8 (Prostasin)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–8,000 pg/mL	EHPRSS8
P-Selectin (CD62P)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–6,000 pg/mL	EMSELP
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		990.36–4,056,500 pg/mL	EPXP010-10219-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	95.4 pg/mL	1,464.84–6,000,000 pg/mL	EPX01A-10219-901
		Coated ELISA	10 µL	0.20 ng/mL	0.63–400 ng/mL	BMS219/4*
	Monkey	Coated ELISA	10 µL	1.3 U/mL	0.8–50 U/mL	BMS650/4
PSA free (KLK3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	45 pg/mL	45–12,000 pg/mL	EHKLK3F
PSA total (KLK3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–2,000 pg/mL	EHKLK3T
PSGL-1	Human	Coated ELISA	100 µL (1:20 prediluted)	1 U/mL	1.6–50 U/mL	BMS255
PYY	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		19.53–80,000 pg/mL	EPX010-12198-901
RAGE (AGER)	Rat	Coated ELISA	CCS, plasma, serum: 100 µL	300 pg/mL	0.3–300 ng/mL	ERAGER
RAGE (MOK)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,500 pg/mL	EHMOK
RAGE (STK30)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–10,000 pg/mL	EMSTK30
RANK (TNFRSF11A)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–100 ng/mL	EHTNFRSF11A
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	2.6 pg/mL	7.76–31,800 pg/mL	EPX01A-12005-901
		Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	3.2–13,200 pg/mL
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	3.41–14,000 pg/mL	EPX01A-32005-901

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
RANTES (CCL5)	Human	Coated ELISA	50 µL	<2 pg/mL	51.2–2,000 pg/mL	EHRNTS	
	Feline	Coated ELISA	CCS, plasma, serum: 100 µL	0.7 pg/mL	0.7–200 pg/mL	EFCCL5	
	Mouse	Coated ELISA	Serum, plasma: 50 µL; CCS: 100 µL	<5 pg/mL	11.7–750 pg/mL	KMC1031	
	Rat	Coated ELISA	Serum, plasma: 50 µL; CCS: 100 µL	<20 pg/mL	39–2,500 pg/mL	KRC1031	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			1.32–5,400 pg/mL	EPXP010-10287-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.61–2,500 pg/mL	EPX01A-10287-901	
	Mouse	Instant ELISA	10 µL	4.2 pg/mL	31.3–2,000 pg/mL	BMS287-2INST	
		Instant ELISA	50 µL	1.2 pg/mL	7.8–500 pg/mL	BMS6009INST	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.35 pg/mL	2.4–10,000 pg/mL	EPX01A-26009-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.1 pg/mL	85.5–350,000 pg/mL	EPX01A-36009-901	
Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.61–2,500 pg/mL	EPX01A-40287-901		
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	0.61–2,500 pg/mL	EPX01A-40287-901		
RARRES2 (TIG2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.5 ng/mL	0.5–50 ng/mL	EHRARRES2	
RBP4	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		195.31–800,000 pg/mL	EPX01A-12205-901	
RBP4 Competitive	Human	Coated ELISA	10 µL	1 ng/mL	1–5,000 ng/mL	KHP0081	
Renin 1 (REN1)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	6 pg/mL	6–50,000 pg/mL	EMREN1	
Resistin (RETN)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,000 pg/mL	EMRETN	
Resistin (ADSF)	Human	Coated ELISA	50 µL (1:10 prediluted)	3.1 pg/mL	31–2,000 pg/mL	BMS2040	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.8 pg/mL	5.74–23,500 pg/mL	EPX01A-12040-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	5.15–21,100 pg/mL	EPX01A-42040-901	
S100A8	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–2,500 pg/mL	EHS100A8	
S6 Colormetric In-Cell	Multispecies	Coated ELISA				62207	
S6 Near Infrared In-Cell	Multispecies	Coated ELISA				62212	
s90K (Mac-2BP)	Human	Coated ELISA	100 µL (1:100 prediluted)	0.92 ng/mL	12.5–200 ng/mL	BMS234	
SAA	Human	Coated ELISA	CCS, plasma, serum: 100 µL	500 pg/mL	0.5–300 ng/mL	EHSAA1	
		Uncoated ELISA	10 µL	4 ng/mL	9.4–600 ng/mL	CHA2513	
	Mouse	Coated ELISA	50 µL	0.03 µg/mL	0.062–0.5 µg/mL	KMA0021	
	Multispecies	Coated ELISA	50 µL	<0.5 pg/mL	0.062–0.5 µg/mL	KAA0021	
SAP (Pentraxin 2)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.9 pg/mL	32–132,600 pg/mL	EPX01A-12136-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	4.7 pg/mL	35.3–144,600 pg/mL	EPX01A-12156-901	
sAPO-1/Fas	Human	Coated ELISA	10 µL	13.2 pg/mL	15.6–1,000 pg/mL	BMS245*	
SCF	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–2,000 pg/mL	EHKITLG	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–2,000 pg/mL	EMKITL	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			1.035–4,200 pg/mL	EPXP010-12137-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.57 pg/mL	1.59–6,500 pg/mL	EPX01A-12137-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.57 pg/mL	1.59–6,500 pg/mL	EPX01A-42137-901	
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.5 pg/mL	6.01–24,600 pg/mL	EPX01B-50508-901		
SCGF beta	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	21.1 pg/mL	16.79–739,600 pg/mL	EPX01A-12157-901	
Sclerostin (SOST)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–10,000 pg/mL	EHSOST	
SDF-1 alpha (CXCL12a)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–6,000 pg/mL	EHCXCL12A	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–600 pg/mL	EMCXCL12	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	20.5 pg/mL	17.09–70,000 pg/mL	EPX01A-12138-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	20.5 pg/mL	38.25–156,700 pg/mL	EPX01A-42138-901	
SDF-1 beta (CXCL12b)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	35 pg/mL	35–8,000 pg/mL	EHCXCL12B	
Serpin A1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 ng/mL	2–500 ng/mL	EHSERPINA1	
Serpin A4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.12 ng/mL	0.12–35 ng/mL	EHSERPINA4	
ShhN (SHH)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	42 pg/mL in assay diluent C, and 8 pg/mL in assay diluent B	8–10,000 pg/mL	EHS HH	
		Coated ELISA	100 µL	5 pg/mL	5–1,000 pg/mL	EMSHH	
	Mouse	Coated ELISA	Tissue lysates, cell lysates: 100 µL	5 pg/mL	5–1,200 pg/mL	EMSHHCL	
Siglec-5	Human	Coated ELISA	CCS, plasma, serum: 100 µL	8 pg/mL	8–5,000 pg/mL	EHSIGLEC5	
Siglec-9	Human	Coated ELISA	CCS, plasma, serum: 100 µL	130 pg/mL	0.12–30 ng/mL	EHSIGLEC9	
SLAM (SLAMF1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	60 pg/mL	60–15,000 pg/mL	EHSLAMF1	
SMAD2 (total)	Human	Coated ELISA	10 µL	<0.067 ng/mL	0.157–10 ng/mL	KHO2021	

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*
SPINT1 (HAI-1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.8 ng/mL	0.8–200 ng/mL	EHSPIINT1
SPINT2 (HAI-2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–800 pg/mL	EHSPIINT2
ST2 (IL-33R)	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		24.22–99,200 pg/mL	EPX01A-26047-901
STAT1 [pTyr701]	Human	InstantOne ELISA				85-86092
STAT3 Near Infrared In-Cell	Multispecies	Coated ELISA				62214
STAT3 [pY705]	Multispecies	Coated ELISA	10 µL	<0.9 U/mL	1.57–100 U/mL	KHO0481
STAT5A (total)	Human	Coated ELISA	10 µL	<1 ng/mL	1.56–100 ng/mL	KHO0751
STAT5A [pY694]	Human	Coated ELISA	10 µL	<1 U/mL	0–100 U/mL	KHO0761
STAT6 Colorimetric In-Cell	Multispecies	Coated ELISA				62208
STAT6 Near Infrared In-Cell	Multispecies	Coated ELISA				62213
Survivin (BIRC5)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	7.5 pg/mL	108.08–442,700 pg/mL	EPX01A-12158-901
Syndecan 1 (SDC1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	14 pg/mL	14–4,000 pg/mL	EHSDC1
TAC1 (TNFRSF13B)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 ng/mL	0.3–80 ng/mL	EHTNFRSF13B
TAU [pT181]	Human	Coated ELISA	10 µL	<10 pg/mL	15.6–1,000 pg/mL	KHO0631
TAU (total)	Human	Coated ELISA	50 µL	<12 pg/mL	31.2–2,000 pg/mL	KHB0041
TAU [pS396]	Human	Coated ELISA	50 µL	<2 pg/mL	15.6–1,000 pg/mL	KHB7031
TAU [pS199]	Human	Coated ELISA	50 µL	<2 pg/mL (5,000 cells)	15.6–1,000 pg/mL	KHB7041
TAU [pT231]	Human	Coated ELISA	10 µL	0.7 units/mL	1.56–100 U/mL	KHB8051
TAU	Mouse	Coated ELISA	50 µL	<15 pg/mL	31–2,000 pg/mL	KMB7011
TAU [pS199]	Mouse	Coated ELISA	50 µL (CS) 100 µL (CE)	<7 pg/mL (5,000 cells)	15.6–1,000 pg/mL	KMB7041
TFF-3 (trefoil factor 3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 ng/mL	1.5–500 ng/mL	EHTFF3
TFPI (tissue factor pathway inhibitor)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–1,800 pg/mL	EHTFPI
TGF alpha	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,000 pg/mL	EHTGFA
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	5.1–21,000 pg/mL	EPX01A-12139-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.3 pg/mL	5.1–21,000 pg/mL	EPX01A-42139-901
TGF beta 1	Multispecies	Coated ELISA	200 µL	<15.6 pg/mL	31.2–2,000 pg/mL	KAC1688
	Multispecies	Uncoated ELISA				CHC1683
	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–6,000 pg/mL	EHTGFBI
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	3–1,000 ng/mL	EMTGFBI
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.1–4,500 pg/mL	EPX01A-10249-901
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.1–4,500 pg/mL	EPX01A-20608-901
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.3 pg/mL	1.72–7,050 pg/mL	EPX01A-30249-901
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.1–4,500 pg/mL	EPX01A-40249-901
	Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.1–4,500 pg/mL	EPX01A-50249-901
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.1–4,500 pg/mL	EPX01A-60249-901	
TGF beta 2	Human	Coated ELISA	100 µL (1:50 prediluted)	6.6 pg/mL	31.0–1,000 pg/mL	BMS254
TGFb RII (TGF-beta receptor type-2; TGFBR2)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	1.5–500 pg/mL	EHTGFBR2
Thrombopoietin (THPO)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	90 pg/mL	90–6,000 pg/mL	EHTHPO
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	EMTHPO
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.7 pg/mL	94.01–385,100 pg/mL	EPX01A-12161-901
Thrombospondin 1 (THBS1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	6 ng/mL	6–2,000 ng/mL	EHTHBS1
Thyroid Peroxidase (TPO)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.3 ng/mL	0.3–100 ng/mL	EHTPO
Thyroid Stimulating Hormone (TSH)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,000 pg/mL	EHTSH
Thyroglobulin (TG)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	220 pg/mL	0.22–50 ng/mL	EHTG
Tie-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	600 pg/mL	0.6–500 ng/mL	EHTIE1
TIE-2 (CD202b)	Human	Coated ELISA	10 µL	0.03 ng/mL	0.16–10 ng/mL	BMS2042
TIM-3	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		61.04–250,000 pg/mL	EPX01A-12219-901
		Coated ELISA	25 µL	35.3 pg/mL	78.1–5,000 pg/mL	BMS2219

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
TIMP-1	Mouse	Coated ELISA	Tissue lysates, cell lysates: 100 µL	3 pg/mL	3–1,000 pg/mL	EMTIMP1CL	
	Rat	Coated ELISA	Tissue lysates, cell lysates: 100 µL	4 pg/mL	4–3,000 pg/mL	ERTIMP1CL	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		26.1 pg/mL	36.6–150,000 pg/mL	EPX01A-12018-901
		Coated ELISA	20 µL (1:100 prediluted)		10.0 pg/mL	39–2,500 pg/mL	BMS2018*
		Uncoated ELISA			4 pg/mL	4–500 pg/mL	88-7346
	Mouse	Uncoated ELISA			8 pg/mL	8–1,000 pg/mL	88-7324
		Coated ELISA	50 µL		3.7 pg/mL	31.3–2,000 pg/mL	BMS607/3
		Instant ELISA	50 µL		4 pg/mL	31.3–2,000 pg/mL	BMS607/2INST
		High Sensitivity Coated ELISA	50 µL		0.75 pg/mL	3.13–200 pg/mL	BMS607HS
		Uncoated ELISA			16 pg/mL	16–2,000 pg/mL	88-7340
	Rat	Coated ELISA	50 µL		11 pg/mL	39.1–2,500 pg/mL	BMS622
Monkey	Coated ELISA	50 µL		6 U/mL	28.1–1,800 U/mL	BMS654	
TIMP-2	Human	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	25–7,000 pg/mL	EHTIMP2	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	0.08–60 ng/mL	EMTIMP2	
TIMP-4	Human	Coated ELISA	CCS, plasma, serum: 100 µL	25 pg/mL	25–7,000 pg/mL	EHTIMP4	
TNF alpha	Bovine	Coated ELISA	CCS, plasma, serum: 100 µL	0.1 ng/mL	0.1–30 ng/mL	EBTNF	
	Canine	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–700 pg/mL	ECTNF	
	Equine	Uncoated ELISA	100 µL	Undetermined	16–1,000 pg/mL	ESS0017	
	Human	Coated ELISA	50 µL		<2 pg/mL	15.6–1,000 pg/mL	EH3TNFA
		Uncoated ELISA					CHC1753
		High Sensitivity Coated ELISA	50 µL		<0.09 pg/mL	0.5–32 pg/mL	KHC3014
		Coated ELISA	50 µL		5 pg/mL	23–1,500 pg/mL	BMS2034*
		Instant ELISA	50 µL		1.65 pg/mL	7.8–500 pg/mL	BMS223INST*
		High Sensitivity Coated ELISA	50 µL		0.13 pg/mL	0.31–20 pg/mL	BMS223HS
	Monkey	Coated ELISA	50 µL		<2 pg/mL	15.6–1,000 pg/mL	KPC3011
		Coated ELISA	50 µL		<9 pg/mL	50–2,450 pg/mL	EMTNFA
	Mouse	Uncoated ELISA				CMC3013	
	Porcine	Coated ELISA	50 µL		<5 pg/mL	31.3–2,000 pg/mL	EP2TNFA
		Uncoated ELISA				CSC1753	
	Rat	Coated ELISA	50 µL		<4 pg/mL	15.6–1,000 pg/mL	KRC3011
	Human	ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL		0.215 pg/mL	0.45–1,830 pg/mL	EPXS010-10223-901
		Platinum ProcartaPlex	Serum, plasma: 25 µL			6.42–26,300 pg/mL	EPXP010-10223-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.4 pg/mL	8.54–35,000 pg/mL	EPX01A-10223-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.39 pg/mL	3.7–15,000 pg/mL	EPX01A-20607-901
		Mouse	ProcartaPlex High Sensitivity	Serum, plasma: 25 µL; CCS: 50 µL		0.044 pg/mL	0.34–1,390 pg/mL
ProcartaPlex			Serum, plasma: 25 µL; CCS: 50 µL		0.4 pg/mL	4.9–20,000 pg/mL	EPX01A-30622-901
NHP		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.4 pg/mL	16.64–65,800 pg/mL	EPX01A-40223-901
Canine		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.3 pg/mL	4.25–17,400 pg/mL	EPX01A-50509-901
Porcine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		2.27 pg/mL	6.47–26,500 pg/mL	EPX01A-66053-901	
TNF beta (LT-alpha)	Human	Coated ELISA	100 µL		4.6 pg/mL	15.6–1,000 pg/mL	BMS202*
		Instant ELISA	100 µL		4.6 pg/mL	15.6–1,000 pg/mL	BMS202INST*
	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		1.6 pg/mL	6.1–25,000 pg/mL	EPX01A-10202-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		0.2 pg/mL	2.8–11,500 pg/mL	EPX01A-40202-901

* Also available as CE-marked ELISA kit.

Targets across platforms (continued)

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
TNF-RI (60 kDa)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–300 pg/mL	EMTNFRSF1A	
	Human	Coated ELISA	10 µL	0.05 ng/mL	0.8–5 ng/mL	BMS203*	
		Instant ELISA	10 µL	53 pg/mL	0.78–5 ng/mL	BMS203INST*	
	Monkey	Coated ELISA	10 µL	0.06 U/mL	0.9–6 U/mL	BMS653	
Instant ELISA		10 µL	0.059 U/mL	0.9–6 U/mL	BMS653INST		
TNF-RII (80 kDa)	Human	Coated ELISA	10 µL	0.10 ng/mL	0.16–10 ng/mL	BMS211*	
TNF-RI	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	79.4 pg/mL	159–650,000 pg/mL	EPX01A-10203-901	
TNF-RII	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		1.02–4,200 pg/mL	EPXP010-10211-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.1 pg/mL	1.27–5,200 pg/mL	EPX01A-10211-901	
tPA	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		22.09–90,500 pg/mL	EPXP010-10258-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	5 pg/mL	42.72–175,000 pg/mL	EPX01A-10258-901	
		Coated ELISA	10 µL	6 pg/mL	15.6–1,000 pg/mL	BMS258/2	
TRAIL (CD253)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	2 pg/mL	2–600 pg/mL	EMTNFSF10	
	Human	Coated ELISA	50 µL	5 pg/mL	15.6–1,000 pg/mL	BMS2004	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	12.72–52,100 pg/mL	EPX01A-12004-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	12.72–52,100 pg/mL	EPX01A-42004-901	
TRAIL-R1	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		19.56–80,100 pg/mL	EPX01A-12010-901	
TRAIL-R2	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		19.56–80,100 pg/mL	EPX01A-12011-901	
TRAIL-R3 (TNFRSF10C)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–4,000 pg/mL	EHTNFRSF10C	
TRAIL-R4 (TNFRSF10D)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–4,000 pg/mL	EHTNFRSF10D	
TRANCE (TNFSF11)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	4 pg/mL	4–2,000 pg/mL	EMTNFSF11	
Transferrin	Human	Coated ELISA	CCS, plasma, serum: 100 µL	1 ng/mL	1–750 ng/mL	EHTF	
Trappin-2 (PI3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	5 pg/mL	5–5,000 pg/mL	EHPI3	
TREM-1 (CD354)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	70 pg/mL	70–50,000 pg/mL	EHTREM1	
TREM-1 (CD354)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.25 ng/mL	0.25–200 ng/mL	EMTREM1	
Troponin I (troponin I type 3, cardiac; TNNI3)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	100 pg/mL	100–8,000 pg/mL	EHTNNT1	
Troponin T (troponin T, slow skeletal muscle; TNNT1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.35 ng/mL	0.35–25 ng/mL	EHTNNT1	
TROY (TNFRSF19)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	0.05–400 ng/mL	EHTNFRSF19	
TSLP	Human	Coated ELISA	CCS, plasma, serum: 100 µL	3 pg/mL	10–6,000 pg/mL	EHTSLP	
	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1 pg/mL	1–200 pg/mL	EMTSLP	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			3.3–13,500 pg/mL	EPXP010-12164-901
		Uncoated ELISA		8 pg/mL	8–1,000 pg/mL	88-7497	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.5 pg/mL	3.42–14,000 pg/mL	EPX01A-12164-901	
	Mouse	Uncoated ELISA		16 pg/mL	16–2,000 pg/mL	88-7490	
ProcartaPlex		Serum, plasma: 25 µL; CCS: 50 µL	0.7 pg/mL	8.71–35,700 pg/mL	EPX01A-26095-901		
TWEAK (CD255)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–3,000 pg/mL	EHTNFSF12	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	12.36 pg/mL	20.48–83,900 pg/mL	EPX01A-12006-901	
		Instant ELISA	50 µL	9.7 pg/mL	15.6–1,000 pg/mL	BMS2006INST	
TWEAK R (TNFRSF12A)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	95 pg/mL	95–25,000 pg/mL	EMTNFRSF12A	
Ubiquitin 1 RPS27A	Human	Coated ELISA	CCS, plasma, serum: 100 µL	30 pg/mL	30–20,000 pg/mL	EHRPS27A	
uPA (PRAP1)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	10 pg/mL	10–3,200 pg/mL	EHPRAP1	
uPAR (PLAUR)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	15 pg/mL	15–4,000 pg/mL	EHPLAUR	
Uromodulin (UMOD)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	40 pg/mL	40–10,000 pg/mL	EHUMOD	
VAP-1	Human	Coated ELISA	10 µL (1:100 prediluted)	19 pg/mL	31.3–2,000 pg/mL	BMS259	
VCAM-1 (CD106)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	1.5 pg/mL	1.5–500 pg/mL	EMVCAM1	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	6.7 pg/mL	11.47–47,000 pg/mL	EPX01A-10232-901	
		Coated ELISA	100 µL (1:50 prediluted)	0.6 ng/mL	3.15–100 ng/mL	BMS232*	
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.5 pg/mL	24.93–102,100 pg/mL	EPX01A-36046-901	
NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.6 pg/mL	9.88–40,500 pg/mL	EPX01A-40232-901		
VE-cadherin	Human	Coated ELISA	50 µL	7.9 pg/mL	15.6–1,000 pg/mL	BMS277/2*	
	Mouse	Coated ELISA	50 µL	20.0 pg/mL	62.5–4,000 pg/mL	BMS619/2	

* Also available as CE-marked ELISA kit.

Target	Species	Format	Volume	Sensitivity	Range	Cat. No.*	
VEGF	Human	Coated ELISA	50 µL	<5 pg/mL	23.4–1,500 pg/mL	KHG0111/2	
		Uncoated ELISA				CHG0113	
VEGF-A	Human	Coated ELISA	CCS, serum, plasma: 50 µL	<5 pg/mL	31.3–2,000 pg/mL	EH2VEGF	
		Coated ELISA	Tissue lysates, cell lysates: 100 µL	10 pg/mL	10–6,000 pg/mL	EHVEGFACL	
		Uncoated ELISA				ESSHVEGF	
	Mouse	Coated ELISA	25 µL	<2 pg/mL	3.9–250 pg/mL	EMVEGFA	
		Coated ELISA	Tissue lysates, cell lysates: 100 µL	2 pg/mL	2–1,000 pg/mL	EMVEGFACL	
	Rat	Coated ELISA	100 µL	2 pg/mL	2–200 pg/mL	ERVEGFA	
		Coated ELISA	Tissue lysates, cell lysates: 100 µL	2 pg/mL	2–200 pg/mL	ERVEGFACL	
	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL			4.86–19,900 pg/mL	EPXP010-10277-901
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.73 pg/mL	5.86–24,000 pg/mL	EPX01A-10277-901	
	Mouse	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	1.6–6,600 pg/mL	EPX01A-20619-901	
	Rat	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.2 pg/mL	5.54–22,700 pg/mL	EPX01A-30619-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1.73 pg/mL	5.86–24,000 pg/mL	EPX01A-40277-901	
Canine	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	1 pg/mL	5.15–21,100 pg/mL	EPX01A-50277-901		
VEGF-B	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	0.6 ng/mL	0.6–160 ng/mL	EMVEGFB	
VEGF-C	Human	Coated ELISA	20 µL	0.057 ng/mL	0.23–15 ng/mL	BMS297/2	
	Rat	Coated ELISA	50 µL	27.0 pg/mL	47–3,000 pg/mL	BMS626/2	
VEGF-D	Human	Platinum ProcartaPlex	Serum, plasma: 25 µL		2.86–11,700 pg/mL	EPXP010-12076-901	
		ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.88 pg/mL	12.21–50,000 pg/mL	EPX01A-12076-901	
	NHP	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	0.88 pg/mL	12.21–50,000 pg/mL	EPX01A-42076-901	
VEGF-R1 (FLT-1)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	43.3 pg/mL	48.8–200,000 pg/mL	EPX01A-10268-901	
		Coated ELISA	50 µL	0.03 ng/mL	0.16–10 ng/mL	BMS268/3	
		Uncoated ELISA		8 pg/mL	8–1,000 pg/mL	88-8350	
	Mouse	Coated ELISA	40 µL (pretreated)	8.6 pg/mL	31–2,000 pg/mL	BMS249/4*	
		Uncoated ELISA		8 pg/mL	8–1,000 pg/mL	88-8350	
		Coated ELISA	10–40 µL (pretreated)	12 pg/mL	31.25–2,000 pg/mL	BMS608/4	
Rat	Coated ELISA	100 µL (pretreated)	12 pg/mL	31.25–2,000 pg/mL	BMS623/3		
VEGF-R2 (KDR)	Mouse	Coated ELISA	CCS, plasma, serum: 100 µL	80 pg/mL	80–20,000 pg/mL	EMVEGFR2	
	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL	13.8 pg/mL	48.8–200,000 pg/mL	EPX01A-12019-901	
Coated ELISA		50 µL (1:25 prediluted)	7 pg/mL	78–5,000 pg/mL	BMS2019		
VEGF-R3 (FLT-4)	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		610.35–2,500,000 pg/mL	EPX01A-12064-901	
		Coated ELISA	50 µL (1:10 prediluted)	0.03 ng/mL	0.6–40 ng/mL	BMS2064	
Vitronectin (VTN)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.8 ng/mL	0.8–200 ng/mL	EHVTN	
vWF (von Willebrand factor)	Human	Coated ELISA	CCS, plasma, serum: 100 µL	0.4 ng/mL	0.4–120 ng/mL	EHVWF	
WISP-1	Human	Coated ELISA	CCS, plasma, serum: 100 µL	50 pg/mL	50–15,000 pg/mL	EHWISP1	
XIAP	Human	Coated ELISA	CCS, plasma, serum: 100 µL	250 pg/mL	0.25–600 ng/mL	EHXIAP	
ZAG	Human	ProcartaPlex	Serum, plasma: 25 µL; CCS: 50 µL		97.66–400,000 pg/mL	EPX01A-12201-901	
		Coated ELISA	10 µL	0.174 ng/mL	0.23–15.0 ng/mL	BMS2201	

* Also available as CE-marked ELISA kit.

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