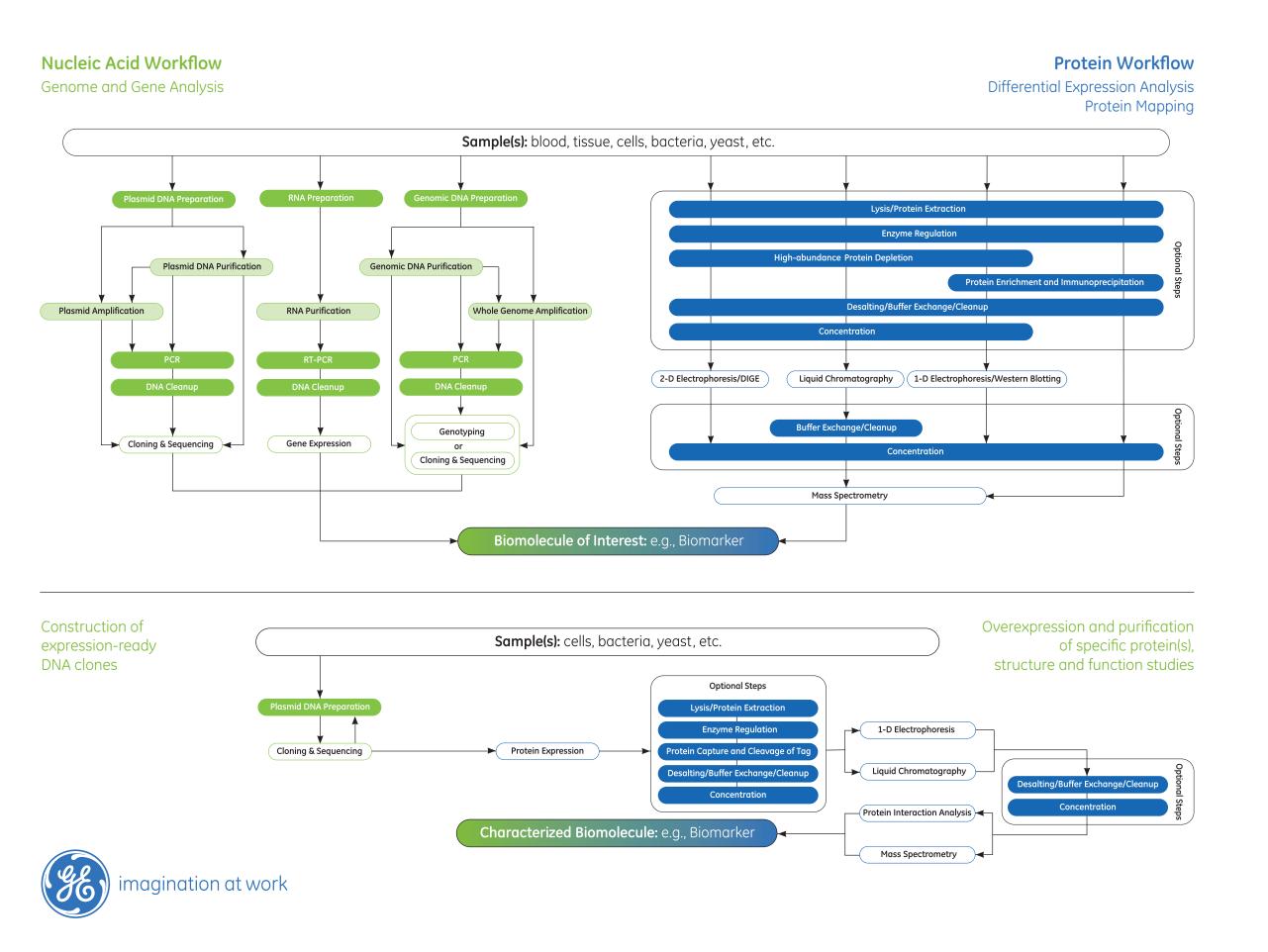
Nucleic Acid and Protein Workflows



Selection Guide for Protein Sample Preparation

Protein Sample Prepo	aration	O the do	Se de la	Choose Ch	e and	ysis method Proposition and the state of th	Protein Sample Prep	paration	Control of			inalysis method
Untagged Protein Enrichment	Code No.						Enzyme Regulation					
NHS HP SpinTrap™	45001480	•			•	Bulk NHS HP Sepharose™ and empty spin columns for coupling of an	Protease Inhibitor Mix	45001740			•	Protease inhibitor cocktail
NHS Mag Sepharose	45002159	•				affinity molecule with a primary amine Magnetic beads for coupling of an affinity molecule with a primary amine,	Nuclease Mix	45001741			•	Cocktail of nucleases for the removal of DNA and RNA from the protein sample
TWISTING SEPTIMOSE	45002172					pull-down applications	Fractionation					
NHS HP SpinTrap Buffer Kit	45001524	•			•	Buffers for immuno-affinity enrichment using NHS HP SpinTrap	2-D Fractionation Kit	45001739				Fractionation of the total protein in the sample into six discrete fractions
Streptavidin HP SpinTrap	45001481	•			•	Coupling of a biotinylated affinity molecule, spin column format	Total Protein Quantitation					
Streptavidin HP SpinTrap Buffer Kit	45001523	•			•	Buffers for immuno-affinity enrichment using Streptavidin HP SpinTrap	2-D Quant Kit	45001732		• •		Quantitation of protein amount using a colorimetric assay
Streptavidin HP MultiTrap™	45001482	•			•	Coupling of a biotinylated affinity molecule in 96-well filter plates by vacuum or centrifuge, larger sample series or automation	Histidine-tagged Protein Co	pture				
Protein A HP SpinTrap	45001483	•			•	Coupling of an IgG affinity molecule, spin column format	His GraviTrap™	45000006			•	Purification of histidine-tagged proteins, gravity flow column
Protein A HP MultiTrap	45001484	٠			•	Coupling of an IgG affinity molecule in 96-well filter plates by vacuum or centrifuge, large sample series or automation	His Mag Sepharose Ni	45002514 45002515			•	Magnetic beads for small-scale purification/screening of histidine-tagged proteins
Protein A Mag Sepharose	45002161	•			•	Magnetic beads for coupling of an IgG affinity molecule,	His GraviTrap Kit	45002516 45002016				Gravity flow columns for histidine-tagged protein purification and buffers
Protein G HP SpinTrap	45002174 45001485	•				immunoprecipitation applications Coupling of an IgG affinity molecule, spin column format	His Gravi rap Kit His MultiTrap HP	45002016			•	Purification of histidine-tagged proteins in 96-well filter plates by vacuum
Protein G HP SpiriTrap Protein A/G HP SpiriTrap Buffer Kit	45001485	•				Buffers for immuno-affinity enrichment using the Protein A HP SpinTrap,	піз ічшіштар не	45001424			•	or centrifuge, for larger sample series or automation
						Protein G HP SpinTrap, and Ab SpinTrap	His MultiTrap FF	45001425			•	Purification of histidine-tagged proteins in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation
Protein G HP MultiTrap	45001486	•			•	Coupling of an IgG affinity molecule in 96-well filter plates by vacuum or centrifuge, larger sample series or automation	His SpinTrap	45001427				Purification of histidine-tagged proteins, spin column format
Protein G Mag Sepharose	45002160	•				Magnetic beads for coupling of an IgG affinity molecule,	His SpinTrap Kit	45002017				Microspin columns for histidine-tagged protein purification and buffers
	45002173					immunoprecipitation applications	His Buffer Kit	45000007			•	Buffers for the purification of histidine-tagged proteins using the
Ab SpinTrap	45001468	•				Coupling of an IgG affinity molecule, spin column format, larger pack size						His GraviTrap, HisTrap™, or His SpinTrap
Immunoprecipitation Starter Pack	45000369	•	_		_	Coupling of an IgG affinity molecule, batch application	Anti-His antibody	45002018			•	Unconjugated antibody with affinity for the histidine-tag
Phos SpinTrap Fe	45001558				•	Enrichment of phosphorylated peptides, spin column format, IMAC precharged with Fe	HisTrap HP columns	45000323			•	Simple purification with a syringe or chromatography system such as ÄKTA™ design
TiO₂ Mag Sepharose	45002158 45002175	•			•	Magnetic beads, titanium dioxide chromatography for enrichment of phophorylated peptides	HisTrap FF columns	45000336			٠	Simple purification with a syringe or chromatography system such as ÄKTA design
MagRack 6	45002170					Magnetic rack designed for Mag Sepharose products, enables preparation of up to six samples in 1.5 ml microcentrifuge tubes	HisPrep™ FF 16/10 column	45000327			•	Easy scale-up purification of histidine-tagged proteins
Small-scale Antibody Purifice	ntion					of up to six sumples in 1.5 mir microcentinage tabes	HisTrap FF crude Kit	45001428			•	Purification with a syringe or chromatography system (e.g., ÄKTA design), no
Protein A HP SpinTrap	45001483			•		Purification of IgG, spin column format	Maltose Binding Protein (Mi	BDI-tagged Di	rotein Cantu	ro		filtration of the sample
Protein A HP MultiTrap	45001484					Purification of IgG in 96-well filter plates by vacuum or centrifuge, larger	MBPTrap™ HP	45001540	otelli Cuptu	16		Simple purification with a syringe or chromatography system such as ÄKTA desig
Destain A Man Conhanne War	4F002F10					sample series or automation	Strep(II)-tagged Protein Cap					. , , , ,
Protein A Mag Sepharose Xtra	45002510 45002511			•		Magnetic beads for small-scale purification/screening of monoclonal and polyclonal antibodies from various species	StrepTrap™ HP	45001519			•	Simple purification with a syringe or chromatography system such as ÄKTA desig
Protein G HP SpinTrap	45001485			•		Purification of IgG, spin column format	GST-tagged Protein Capture					
Protein G HP MultiTrap	45001486			•		Purification of IgG in 96-well filter plates by vacuum or centrifuge, larger sample series or automation	GST Detection Module	45001378			•	Reagents for the biochemical reaction performed by the GST-tag for the determination of concentration
Protein G Mag Sepharose Xtra	45002512 45002513			•		Magnetic beads for small-scale purification/screening of monoclonal and polyclonal antibodies from various species	GST 96-well Detection Module	45001379			•	Reagents and plates with precoated wells for the detection of
Ab SpinTrap	45001468			•		Purification of IgG, spin column format, larger pack size	GSTPrep™ FF 16/10 column	45000322		_		GST-tagged proteins Simple purification with a syringe or chromatography system such as ÄKTA desic
Ab Buffer Kit	45001479			•		Buffers for antibody purification using the Protein A HP SpinTrap,	GSTrap™ HP columns	45000322		-	•	Simple purification with a syringe or chromatography system such as ÄKTA desig
Description of D. M. C. 1	Stanova.					Protein G HP SpinTrap, and Ab SpinTrap	GSTrap FF columns	45000332			•	Simple purification with a syringe or chromatography system such as ÄKTA desig
Disposable PD-10 Desalting	45000148 •					Clean-up of proteins/oligosaccharides, sample volumes up to 2.5 ml by	GSTrap 4B columns	45001429			•	Simple purification with a syringe or chromatography system such as ÄKTA desig
	43000140					gravity flow and column spin flow	GST MultiTrap FF	45001423			•	Purification of GST-tagged proteins in 96-well filter plates by vacuum or
LabMate™ PD-10 Buffer	45000479 •	• •		• •	•	Buffer reservoir for easy equilibration	<u> </u>					centrifuge, for larger sample series or automation
PD MidiTrap™ G-25		• •				Clean-up of proteins/oligosaccharides, sample volumes up to 1.0 ml, by gravity flow and spin flow	GST MultiTrap 4B	45001436			٠	Purification of GST-tagged proteins in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation
PD MiniTrap™ G-25	45001529 •	•		• •	•	Clean-up of proteins/oligosaccharides, sample volumes up to 0.5 ml, by arayity flow and spin flow	pGEX vectors	multiple			•	Expression vectors for GST fusion proteins
PD SpinTrap G-25	45001527 •				•	Clean-up of proteins/oligosaccharides, sample volumes up to 130 µl, by microcentrifugation	GST Vector primers for sequencing	multiple			•	Sequencing primers for the pGEX vectors
PD MultiTrap G-25	45001528 •				•	Clean-up of proteins/oligosaccharides, sample volumes up to 130 µl in	E. coli BL21	45001328			•	Bacterial strain for the expression of GST fusion protein
PD MidiTrap G-10	45002062 •					parallel, 96-well filter plates by centrifuge, large sample series, and automation Peptide and small protein applications, clean-up sample volumes up to	M13K07 Helper Phage	45001327			•	M13 phage for the GST expression system
PD MiniTrap G-10	45002062 •					800 µl, by gravity flow Peptide and small protein applications, clean-up sample volumes up to	GST Bulk Kit PreScission™ Protease	45001364 45001319			•	Bulk Glutathine Sepharose 4B and empty gravity columns Purified enzyme for site-specific cleavage of the GST-tag from fusion
<u> </u>						300 μl, by gravity flow	Thrombin	45001320			•	proteins expressed using the pGEX-P vectors Purified enzyme for site-specific cleavage of the GST-tag from fusion
Mini Dialysis Kit – 1 kDa cut-off	45001733 •	_			_	Dialysis of small sample volumes, 250 µl and 2 ml	miombin	43001320				proteins expressed using the pGEX-T vectors
Mini dialysis kit - 1 kDa cut off	45001734 •	_		• •		Dialysis of small sample volumes, max. sample volume 2 ml	Factor Xa	45001321			•	Purified enzyme for site-specific cleavage of the GST-tag from fusion
and the state of t	45001735 •			• •	•	Dialysis of small sample volumes, 250 µl and 2 ml	Anti CCT Antihantu	45001369				proteins expressed using the pGEX-X vectors
<u> </u>							Anti-GST Antibody	43001.569				Unconjugated antibody with affinity for the GST-faa
Mini Dialysis Kit – 8 kDa cut-off Mini dialysis kit – 8 kDa cut off 2-D Clean-Up Kit	45001736 • 45001737 •			• •		Dialysis of small sample volumes, max. sample volume 2 ml Removal of interfering contaminants and concentration of total protein	Anti-GST Antibody	43001369				Unconjugated antibody with affinity for the GST-tag

otein Sample Prepo	ıration					٠.	Cho	oose	ana	llysis method
			W	TO HOUSE	Ses Ad Strong	SHOW S	Child Strong	0,0H0,40	SON OF TO WE	S S S S S S S S S S S S S S S S S S S
rotein Depletion		٦	١٩	, ,	you (£0.	ero r	ito d	40° 4	8
Trap™ Albumin & IgG Depletion	45002171	•	•	٠						Prepacked 1 ml column for the depletion of albumin and IgG from larger sample volumes (~150 µl) of human plasma and serum, for use with a syringe or chromatography system such as ÄKTA design
bumin & IgG Depletion SpinTrap	45002176	٠	•	٠						Depletion of albumin and IgG from smaller sample volumes (~50 µl) of human plasma and serum, spin column format
sis/Protein Extraction										
ample Grinding Kit	45001731	•	•	٠				٠	•	The mechanical breaking up of cells or tissue releasing the total protein content
east Protein ktraction Buffer Kit	45002157	•	•	٠				•	•	Extraction of proteins from yeast cells
ammalian Protein Extraction Buffer	45002169	•	•	٠				•	•	Extraction of proteins from mammalian cells
D Protein Extraction uffer Trial Kit	45002168	•	•	٠				٠	•	Protein extraction from tissues and cell lines, trial kit with six different buffers for optimization of the method
D Protein Extraction Buffer-I	45002167	•	•	٠				•	•	Protein extraction buffer - larger volume of Buffer-I from the trial kit
D Protein Extraction Buffer-II	45002166	•	•	٠				•	•	Protein extraction buffer - larger volume of Buffer-II from the trial kit
D Protein Extraction Buffer-III	45002165	•	•	٠				•	•	Protein extraction buffer - larger volume of Buffer-III from the trial kit
D Protein Extraction Buffer-IV	45002164	•	•	•				•	•	Protein extraction buffer - larger volume of Buffer-IV from the trial kit
D Protein Extraction Buffer-V	45002163	•	•	٠				•	•	Protein extraction buffer - larger volume of Buffer-V from the trial kit
D Protein Extraction Buffer-VI	45002162	•	•	٠		Г		•	•	Protein extraction buffer - larger volume of Buffer-VI from the trial kit
ustra™ triplePrep kit	45001810	•	•	•		П			•	Extraction of DNA, RNA, and protein from the same undivided sample
rotein Concentration										
vaspin 500, 3 kDa MWCO PES	45001559	•	•	•	•	•	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 3 kDa cut-off
vaspin 500, 5 kDa MWCO PES	45001560	•	•	٠	•	•	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 5 kDa cut-off
vaspin 500, 10 kDa MWCO PES	45001561	•	•	٠	•	٠	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 10 kDa cut-off
vaspin 500, 30 kDa MWCO PES	45001562	•	•	٠	•	٠	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 30 kDa cut-off
vaspin 500, 50 kDa MWCO PES	45001563	•	•	٠	•	٠	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 50 kDa cut-off
vaspin 500, 100 kDa MWCO PES	45001564	•	•	٠	•	٠	•	•	•	Concentration of up to 500 µl sample through ultrafiltration, 100 kDa cut-off
vaspin 2, 3 kDa MWCO PES	45001565	•	•	٠	•	•	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 3 kDa cut-off
vaspin 2, 5 kDa MWCO PES	45001566	•	•	٠	•	٠	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 5 kDa cut-off
vaspin 2, 10 kDa MWCO PES	45001567	•	•	٠	•	٠	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 10 kDa cut-off
vaspin 2, 30 kDa MWCO PES	45001568	•	•	٠	•	٠	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 30 kDa cut-off
vaspin 2, 50 kDa MWCO PES	45001569	•	•	٠	•	٠	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 50 kDa cut-off
vaspin 2, 100 kDa MWCO PES	45001570	•	•	٠	•	٠	•	•	•	Concentration of up to 2 ml sample through ultrafiltration, 100 kDa cut-off
vaspin 6, 3 kDa MWCO PES	45001571	•	•	٠	•	٠	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 3 kDa cut-off
vaspin 6, 5 kDa MWCO PES	45001572	•	•	٠	•	٠	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 5 kDa cut-off
vaspin 6, 10 kDa MWCO PES	45001573	•	•	٠	•	•	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 10 kDa cut-off
vaspin 6, 30 kDa MWCO PES	45001574	•	•	٠	•	٠	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 30 kDa cut-off
vaspin 6, 50 kDa MWCO PES	45001575	•	•	٠	•	٠	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 50 kDa cut-off
vaspin 6, 100 kDa MWCO PES	45001576	•	•	٠	•	٠	•	•	•	Concentration of up to 6 ml sample through ultrafiltration, 100 kDa cut-off
vaspin 20, 3 kDa MWCO PES	45001577	•	•	•	•	٠	•	•	•	Concentration of up to 20 ml sample through ultrafiltration, 3 kDa cut-off
vaspin 20, 5 kDa MWCO PES	45001578	•	•	٠	•	٠	•	•	•	Concentration of up to 20 ml sample through ultrafiltration, 5 kDa cut-off
vaspin 20, 10 kDa MWCO PES	45001579	•	•	٠	•	٠	•	•	•	Concentration of up to 20 ml sample through ultrafiltration, 10 kDa cut-off
vaspin 20, 30 kDa MWCO PES	45001580	•	•	٠	•	•	•	•	•	Concentration of up to 20 ml sample through ultrafiltration, 30 kDa cut-off
vaspin 20, 50 kDa MWCO PES	45001581	•	•	•	•	٠	•	•	•	Concentration of up to 20 ml sample through ultrafiltration, 50 kDa cut-off
· ·										•

Vivaspin 20, 100 kDa MWCO PES 45001582 • • • • • • Concentration of up to 20 ml sample through ultrafiltration, 100 kDa cut-off

Related Products

09923340	DNA Collection, Purifcation, and Analysis FTA Classic Card with 4 sample areas per card	100/pk
09923342	FTA Mini Card with 2 sample areas per card	100/pk
09923344	FTA Micro Card with 1 sample area per card	100/pk
09923346	FTA Gene Card with 3 sample areas per card	100/pk
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09923345	Indicating FTA Micro Card with 1 sample area per card	100/pk
	ds for DNA Collection and Purification	
09301231	FTA Elute Micro Card with 4 sample areas per card	100/pk
09301230	FTA Elute Micro Card with 4 sample areas per card	25/pk
Plasimd Arch	ving and Analysis	·
09923347	CloneSaver 96-well format	5/pk
05713926	CloneSaver Starter Kit, 96-well format	2/pk
FTA Purificati		
09923348	FTA Purification Reagent	500 mL
Harris Micro	•	300 1112
09923352	Harris Micro Punch 1.2 mm (with cutting mat)	1/pk
09923354	Harris Micro Punch 2.0 mm (with cutting mat)	1/pk
05715108	Harris Micro Punch 3.0 mm (with cutting mot)	1/pk
05713100	Harris Micro Punch 1.2 mm Replacement Plunger	1/pk
05713922	Harris Micro Punch 2.0 mm Replacement Plunger	1/pk
09923353	Replacement Tip 1.2 mm	1/pk
09923355	Replacement Tip 2.0 mm	1/pk
09923356	Replacement cutting mat	1/pk
Disposable H	arris Uni-Core Punch	.,
05713923	Harris Uni-Core Punch 1.2 mm	4/pk
05713924	Harris Uni-Core Punch 2.0 mm	4/pk
05715109	Harris Uni-Core Punch 3.0 mm	4/pk
05715110	Harris Uni-Core Punch 6.0 mm	4/pk
Multi-Barrier	Pouch	
05715111	Multi-Barrier Pouch, Small (8 × 7 cm)	100/pk
05715112	Multi-Barrier Pouch, Large (9 × 15 cm)	100/pk
09923359	CloneSaver Resealable Multi-Barrier Pouch	50/pk
Dessicant Pa	kets	·
09923360	Dessicant Packets (1 g)	1000/pk
FTA Gene Car	*	
09923349	FTA Gene Card Tray holds 2 Gene Cards for sample application by a liquid handler	20/pk
Buccal Cell Co		
09923375	Sterile Foam Tipped Applicators for Transfer of Buccal Cells to FTA Cards	100/pk
05525515	Sterile Omni Swab	
09923376		
09923376 Blood Stain C	ards	100/bk
Blood Stain C		100/pk
Blood Stain C 09923351	Blood Stain Cards	100/pk
Blood Stain C 09923351 Polycap PES F	Blood Stain Cards ilter Capsules for Sterile Filtration	100/pk
Blood Stain C 09923351 Polycap PES F 097479	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile	100/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile	100/pk 1/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile	100/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Im Syringe filters	100/pk 1/pk 1/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC	100/pk 1/pk 1/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC	100/pk 1/pk 1/pk 1/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 3 o r	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile mm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC mm Syringe filters	1/pk 1/pk 1/pk 1/pk 1/pk 100/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-150	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC nm Syringe filters 30 mm Spartan, 0.2 µm RC	1/pk 1/pk 1/pk 1/pk 100/pk 100/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-150 09-302-153	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC nm Syringe filters 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC	1/pk 1/pk 1/pk 1/pk 100/pk 100/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-150 09-302-153 GD/X Syringe	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC nm Syringe filters 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification	100/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 099-302-144 099-302-148 SPARTAN 30 r 099-302-150 099-302-153 GD/X Syringe 0992743A	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC mm Syringe filters 30 mm Spartan, 0.45 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile)	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 SPARTAN 30 r 09-302-150 09-302-153 GD/X Syringe 0992743A 0992743B	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile nm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC ms Syringe filters 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile)	100/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 SPARTAN 30 r 09-302-150 09-302-153 GD/X Syringe 0992743A 0992743B Syringe filters	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile mm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC mm Syringe filters 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.2 µm RC 50 mm Spartan, 0.2 µm RC 15 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile) 15 for Sterile Filtration	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 SPARTAN 30 r 09-302-153 GD/X Syringe 0992743A 0992743B Syringe filters	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile m Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC 13 mm Spartan, 0.45 µm RC 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile) 15 or Sterile Filtration 4 mm Puradisc 0.2 µm PVDF (Sterile)	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk 50/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-153 GD/X Syringe 0992743A 0992743B Syringe filters 0991015 05713386	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile m Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC 13 mm Spartan, 0.45 µm RC 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile) 4 mm Puradisc 0.2 µm PVDF (Sterile) 25 mm Puradisc 0.2 µm PVDF (Sterile)	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk 50/pk 50/pk 50/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-150 099-302-150	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile mm Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC mm Syringe filters 30 mm Spartan, 0.45 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile) 15 for Sterile Filtration 4 mm Puradisc 0.2 µm PVDF (Sterile) 25 mm Puradisc 0.2 µm PES (Sterile) 25 mm Puradisc 0.2 µm PES (Sterile)	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk 50/pk
Blood Stain C 09923351 Polycap PES F 097479 0974712 0974722 SPARTAN 13 r 09-302-144 09-302-148 SPARTAN 30 r 09-302-150 099-302-150	Blood Stain Cards ilter Capsules for Sterile Filtration Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 36 0.2/0.2 PES with filling bell/Sterile Polycap 150 0.2/0.2 PES with filling bell/Sterile m Syringe filters 13 mm Spartan, 0.2 µm RC 13 mm Spartan, 0.45 µm RC 13 mm Spartan, 0.45 µm RC 30 mm Spartan, 0.2 µm RC 30 mm Spartan, 0.45 µm RC Filter for Lysate Clarification 25 mm GD/X 0.2 µm PES (Sterile) 25 mm GD/X 0.45 µm PES (Sterile) 4 mm Puradisc 0.2 µm PVDF (Sterile) 25 mm Puradisc 0.2 µm PVDF (Sterile)	100/pk 1/pk 1/pk 1/pk 1/pk 100/pk 100/pk 100/pk 50/pk 50/pk 50/pk 50/pk

Pack size

For more information on protein sample preparation, please visit www.gelifesciences.com/sampleprep

For more information on protein sample preparation at larger scale, please visit www.gelifesciences.com/protein-purification

For more information on protein sample preparation, please visit www.gelifesciences.com/sampleprep

University under US patent number 5,268,486 and equivalent patents in the US and other countries. ExoSAP-IT: Exonuclease I/Shrimp Alkaline Phosphatase method of use is covered by one or more of the following US patent numbers: 5,756,285 and 5,741,676 in the name of GE Healthcare Bio-Sciences Corp.

GE Healthcare

pGEX Vectors are to be used for scientific investigation and research and for no other purpose whatsoever products and the processes claimed in US patent 5,654,176 and equivalent patents and patent applications in other countries must be negotiated directly with Millipore Corp (formerly Chemicon International Inc) by the purchaser prior to such use. \bigcirc 2011 General Electric Company – All rights reserved.

5,854,033, 5,198,543, 5,576,204 and 5,001,050. StrepTrap HP: This product is covered by US patent number 6.103.493 and equivalent patents and patent

licenses for commercial use of StrepTactin.

F Hoffmann-La Roche Ltd and the Perkin-Elmer

or as purchased (i.e., an authorized thermal cycler).

Extraction Buffer and Yeast Extraction Buffer Kit are

manufactured by a-Biosciences, St Louis, MO, USA

StrepTrap HP includes a license under such patents for

non-profit and in-house research only. Please contact

Phi 29 DNA Polymerase: Phi 29 DNA polymerase and its GE Healthcare UK Limited

Munzinger Strasse 5

licensing arrangements with Roche Molecular Systems, Piscataway, NJ 08855-1327

Sanken Bldg., 3-25-1, Hyakunincho with a thermal cycler whose use in the automated Shinjuku-ku, Tokyo 169-0073 upfront license fee, either by payment to Perkin-Elmer

In the United States: For customer service, call 1-800-766-7000. To fax an order, use 1-800-926-1166. To order online: www.fishersci.com

In Canada: For customer service, call 1-800-234-7437. To fax an order, use 1-800-463-2996. To order online: www.fishersci.ca

Selection Guide for DNA/RNA Sample Preparation

PCR and RT-PCR Amplification method Starting quantity Basic PCR (amplicon up to 3 kb) Hot start PCR (amplicon up to 3 kb) Long-range PCR (amplicon up to 20 kb) Basic RT-PCR (amplicon up to 3 kb) Long-range RT-PCR (amplicon up to 6 kb) Downstream applications Gene expression

*	Ready-To-Go is a single dose room temperature stable bead format that contains all PCR or RT-PCR
	components. You only need to add DNA template, primer, and water for a reaction.

		Ü	Son Contraction of the Contracti	the state of	4. 48 CON	100 do do 300 di	A STAN STAN STAN STAN STAN STAN STAN STA	S. S	didn't didn't	N. S. Line S. W.	N. V. Marine	Solution of the second	Surias Silving	A 25. 25. 26. 4	A. 105.19 S.S.	S. S
NA Cleanup																
Sample types	Starting quantity															
PCR products	Any size, for sequencing only	•														
	50 bp to 10 kb, few samples		•													
	100 bp to 10 kb, many samples			•												
	10 to 50 bp				•											
Agarose gel slices or enzyme removal	50 kbp to 10 bp		•													
Sequencing reactions	12 to 25 µl					•										
Labeled DNA fragments	> 20 bases						•									
	> 10 bases				•											
	100 μg sample in 100 μl or no microcentrifuge							•								
Oligonucleotides	100 to 150 μl				•											
	0.1 to 0.5 ml								•							
	0.5 to 1 ml									•						
	1 to 2.5 ml										•					
cDNA	CyDye™ labeled probes											•				
A range of sample types	25 to 50 µl for labeled DNA												•			
PCR, sequencing and labeling reactions	10 to 100 µl for buffer exchange or desalting												•			
A range of volumes and sample sizes	PCR (25 to 50 μ l) or labeling reaction (25 to 50 μ l) < 100 bp													•		
	PCR (25 to 50 µl) or labeling reaction (50 to 75 µl) or fragment < 200 bp														•	
	PCR (50 to 100 μl) or labeling reaction (75 to 100 μl) or remove primers > 24 bases															•
Downstream applications	Cloning & sequencing	•	•	•	•	•			•	•	•		•	•	•	•
	Gene expression		•	•	•		•	•	•	•	•	•	•	•	•	•
	Genotyping		•	•									•	•		•

						<i>i</i> i	No.
				Ned Y	Stod.	Sed	Tol
smid DNA Preparation	n	10	osnio	Washing Y	endi	Solid Solid Solid	Long of the T
nple types	Starting quantity						
cterial culture	1 μl (high-throughput)			•			
	1 μl (low- to medium-throughput)			П	•		
	1 to 3 ml	•					
	25 to 500 ml		•				
cterial colony	< 1 colony (high-throughput)			٠			
	< 1 colony (low- to medium-throughput)				•		
cteria glycerol stock	< 1 μl (high-throughput)			٠			
	< 1 μl (low- to medium-throughput)				•		
rified DNA (small vectors)	> 1 ng (high-throughput)			•			
	> 1 ng (low- to medium-throughput)				•		
rified BAC/fosmid DNA	> 1 ng					٠	
ficult templates crich, secondary structures)	0.1 to 1 ng						•
3 phage plaque	< 1 plaque			٠	•		
3 phage glycerol stock	< 1 µl			٠	•		
	Cloning	•	•				
wnstream applications	Sequencing	•	•	•	•	•	•

he used directly for DCR and sul	bcloning. Addtional steps will be neede	ad for transformation or transfection

Sample type and format	Starting quantity						
Total RNA							
Cultured cells and tissue	Up to 200 mg tissue or 5×10^7 cells		•				
Tube format	10 to 30 mg or up to 2×10^6 cells	•					
96-well plate vacuum	10 to 30 mg or up to 2×10^6 cells			•			
96-well plate centrifuge	30 mg or up to 1×10^7 cells			•			
mRNA purification	1 to 5×10^7 cells or 0.5 g tissue				•		
Eukaryotic cells or tissue	$1 \text{ to } 1 \times 10^7 \text{ cells or } 100 \text{ mg tissue}$					•	
Eukaryotic total RNA	Total RNA or 25 mg to 1 g tissue						•
Downstream applications	Gene expression	•	•	•	•	•	•

Sample type	Starting quantity	
Cultured cells	$0.3 \text{ to } 5 \times 10^7 \text{ cells}$	•
Animal tissue	1 to 20 mg tissue	•
Downstream applications	Cloning & sequencing	•
	Gene expression	•
	Genotyping	•
	3	

Ordering information

illustra™ Nucleic Acid Purification & Amplification

		Cat. No.	
Genomic DNA Preparation			DNA Clean-up
Genomic DNA Purification			Purification of PCR Products and Restriction
illustra tissue and cells genomicPrep™ Mini Spin Kit	50	45001502	illustra GFX™ PCR DNA and Gel Band Purification Kit
illustra tissue and cells genomicPrep Mini Spin Kit	250	45001503	illustra GFX PCR DNA and Gel Band Purification K
illustra tissue and cells genomicPrep Midi Flow Kit		45001501	illustra GFX 96 PCR Purification Kit
illustra blood genomicPrep Mini Spin Kit	50	45001496	illustra MicroSpin™ S-400 HR columns
illustra blood genomicPrep Mini Spin Kit	250	45001497	illustra MicroSpin S-300 HR columns
illustra blood genomicPrep Midi Flow Kit	25	45001495	illustra MicroSpin G-25 columns
illustra blood genomicPrep Midi Flow Kit	100		ExoSAP-IT™
illustra bacteria genomicPrep Mini Spin Kit	50	45001493	ExoSAP-IT
illustra bacteria genomicPrep Mini Spin Kit	250	45001494	ExoSAP-IT
Nucleon™ BACC1 Genomic DNA Kit	50	45000955	Dye Terminator Removal
Nucleon BACC2 Genomic DNA Kit Nucleon BACC3 Genomic DNA Kit	50 50	45000956	illustra AutoSea™ G-50
Nucleon BACC3 Genomic DNA Kit Nucleon PhytoPure™		45000960 45000958	illustra AutoSeq G-50
Nucleon PhytoPure	50 × 0.1 g 50 × 1.0 g	45000956	illustra AutoSeq G-50
Nucleon HT (hard tissue)	50 × 1.0 g	45000959	illustra MicroSpin G-50 columns
	30	43000937	illustra MicroSpin G-50 columns
Whole Genome Amplification			illustra MicroSpin S-200 HR columns
illustra GenomiPhi™ V2 DNA Amplification Kit	25	45001221	masta i nerospiiro 200 i ne columno
illustra GenomiPhi V2 DNA Amplification Kit	100	45001222	Labeling and Clean-up
illustra GenomiPhi V2 DNA Amplification Kit	500	45001223	illustra CyScribe™ GFX Purification Kit
illustra GenomiPhi HY DNA Amplification Kit	25	45001219 45001218	illustra CyScribe GFX Purification Kit
illustra GenomiPhi HY DNA Amplification Kit	100		illustra NICK™ columns
illustra GenomiPhi HY DNA Amplification Kit	1000	45001220	illustra NICK columns
Plasmid DNA Preparation			illustra ProbeQuant™ G-50 Micro columns
Plasmid DNA Purification			Desalting and Nucleotide Removal
illustra plasmidPrep Mini Spin Kit	50	45001499	illustra MicroSpin G-25 columns
illustra plasmidPrep Mini Spin Kit	250	45001500	illustra NAP™-5
illustra plasmidPrep Midi Flow Kit	25	45001498	illustra NAP-5
illustra plasmidPrep Midi Flow Kit	100	45000004	illustra NAP-10
Sephacryl™ S-1000 SF Yeast Plasmid Isolation Kit	750 ml 50	45000084 45001217	illustra NAP-10
		45001217	illustra NAP-25
Rolling Circle Amplification – Template Ampli illustra TempliPhi [™] 100 DNA Amplification Kit	100	45002262	illustra NAP-25
illustra TemplPhi 500 DNA Amplification Kit	500	45002262	illustra Sephadex™ G-25 DNA Grade SF
illustra TempliPhi Reaction Kit	1000	45002264	illustra Sephadex G-50 DNA Grade F
illustra TempliPhi Reaction Kit	2000	45003001	illustra Sephadex G-50 DNA Grade F
illustra TempliPhi Large Construct Kit	1000 rxns	45002267	illustra Sephadex G-100 DNA Grade SF
illustra TempliPhi Sequence Resolver Kit	20 rxns		Nucleotides
illustra TempliPhi Sequence Resolver Kit	50 rxns	45002268	illustra dATP, 100 mM
illustra TempliPhi Sequence Resolver Kit	200 rxns	45002266	illustra dATP, 100 mM
RNA Preparation			illustra dCTP, 100 mM
Total RNA			illustra dCTP, 100 mM
illustra RNAspin Mini Kit	20	45001161	illustra dGTP, 100 mM
illustra RNAspin Mini Kit	50	45001162	illustra dGTP, 100 mM
illustra RNAspin Mini Kit	250	45001163	illustra dTTP, 100 mM
illustra RNAspin Midi Kit	20	45001164	illustra dTTP, 100 mM
illustra RNAspin 96 Kit	2 × 96	45001165	illustra dUTP, 100 mM
illustra RNAspin 96 Kit	4 × 96	45001757	illustra dNTP Set (100 mM each A,C,G,T)
illustra RNAspin 96 Kit	24 × 96	45001758	illustra dNTP Set (100 mM each A,C,G,T)
illustra RNAspin 96 Filter Plate	1	45001759	illustra dNTP Set (100 mM each A,C,G,T)
illustra CsTFA (solution)	100 ml	45000147	illustra DNA Polymerization Mix dNTP Set (20 mM each A,C,G,T)
mRNA			illustra DNA Polymerization Mix dNTP Set
illustra QuickPrep™ Micro mRNA Purification Kit	1	45001411	(20 mM each A,C,G,T)
illustra QuickPrep mRNA Purification Kit	4	45001411	illustra PCR Nucleotide Mix dNTP Set
illustra mRNA Purification Kit	2	45001412	(25 mM each A,C,G,T)
illustra mRNA Purification Kit	4	45001413	illustra PCR Nucleotide Mix dNTP Set
PCR			(2 mM each A,C,G,T) illustra PCR Nucleotide Mix dNTP Set
PCR Kits & Components			(10 mM each A,C,G,T)
illustra Hot Start Mix RTG 0.5 ml	100 rxn	46001002	DNA, RNA and protein preparation
illustra Hot Start Mix RTG 0.2 ml	96 rxn	46001003	illustra triplePrep Kit
illustra Hot Start Mix RTG 0.2 ml	480 rxn	46001004	-
illustra Hot Start Master Mix	100	46001001	
illustra PuReTaq™ Ready-To-Go™ PCR Beads 0.2 ml	96 rxn plate	46001011	
illustra PuReTaq Ready-To-Go PCR Beads 0.2 ml	5 × 96 rxn plate	46001012	
illustra PuReTaq Ready-To-Go PCR Beads 0.5 ml	100 rxn tubes	46001013	
illustra PuReTaq Ready-To-Go PCR Beads 0.2 ml	96 rxn hinged tube with cap	46001014	
RT-PCR Kits & Components			
illustra Ready-To-Go RT-PCR Beads 0.5 ml	100 rxn tubes	46001006	
illustra Ready-To-Go RT-PCR Beads 0.2 ml	96 rxn tube	46001007	

	Pack size	Fisher Scientific Cat. No.	
			Protein and nu
PCR Products and Restriction	n Fragments		
CR DNA and Gel Band t	100	45001489	
DNA and Gel Band Purification I	Kit 250	45001490	
PCR Purification Kit	10 × 96	45001488	sample prepai
in™ S-400 HR columns	50	45001396	
in S-300 HR columns	50	45001395	
in G-25 columns	50	45001397	
	100	45001204	
	500	45001205	
	2000	45001206	
r Removal			Selection Guide
™ G-50	50	45001400	Selection Guide
G-50	250	45001401	
G-50	1000	45001402	
in G-50 columns	50	45001398	
in G-50 columns	250	45001399	
in S-200 HR columns	50	45001394	
lean-up			111
e™ GFX Purification Kit	25	45001422	
GFX Purification Kit	50	45001423	
olumns	20	45000155	
umns	50	45000156	
ıant™ G-50 Micro columns	50	45001487	

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45000154

45000149

45000150

45000109

45000110

45000111

45000112

45001442

45001444

45001447

45001450

45001461

25 µmol 500 µmol

25 µmol

100 µmol

100 umol

500 µl

GE Healthcare









Genomic DNA Preparation

Paraffin-embedded tissue

or difficult samples

Cultured cells

Buffy coat

Bone marrow

(suspended cells)

Bacteria (Gram - and +)

FTA paper/Guthrie card

Purified genomic DNA

Downstream applications

Buccal swab

Nucleated red blood cells

Starting quantity (DNA yield)

> 300 cells (4 to 7 µg DNA yield)

Up to 200 mg

Up to 5.0×10^5 cells

Up to 2.0 × 10⁷ cells

 3×10^6 to 1×10^7 cells

5 to 10 μl (4 to 7 μg DNA yield)

5 to 10 μl (4 to 7 μg DNA yield)

10 μl (4 to 7 μg DNA yield)

25 to 200 µl (tested)

Up to 4.0 × 10⁹

10 μl (40 to 50 μg DNA yield)

5 to 10 μl (4 to 7 μg DNA yield)

> 300 cells (4 to 7 µg DNA yield)

> 300 cells (40 to 50 µg DNA yield)

1 cm leaf (4 to 7 µg DNA yield)

1 seed (4 to 7 µg DNA yield) 1 seed (40 to 50 µg DNA yield)

1 cm leaf (40 to 50 µg DNA yield)

 3×3 mm piece (4 to 7 μ g DNA yield)

Single swab (4 to 7 µg DNA yield)

> 10 ng (4 to 7 µg DNA yield)

> 10 ng (40 to 50 µg DNA yield)

For more information on nucleic acid sample preparation, please visit www.gelifesciences.com/sampleprep

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Genotyping

 3×3 mm piece (40 to 50 μ g DNA yield)

5 to 10 μl (40 to 50 μg DNA yield)

5 to 10 μl (40 to 50 μg DNA yield)

5 to 10 μl (40 to 50 μg DNA yield)

Up to 25 mg

1 to 3 × 10⁵

50 to 300 μl

50 to 300 μl

> 300 cells (40 to 50 µg DNA yield)

20 to 30 µm thick paraffin section

> 300 cells (4 to 7 µg DNA yield)

> 300 cells (40 to 50 µg DNA yield)

Sample types

Animal tissue