



Amersham™ ECL™ Western blotting detection reagents

Product	Amersham ECL start	Amersham ECL	Amersham ECL Prime	Amersham ECL Select™	Amersham ECL Plex™
Detection type	Chemiluminescence	Chemiluminescence	Chemiluminescence	Chemiluminescence	Fluorescence
Optimal membrane	Amersham Protran	Amersham Protran	Amersham Hybond™ P Amersham Protran	Amersham Hybond P Amersham Protran	Amersham Hybond LFP Amersham Protran Premium
Recommended detection	Amersham Hyperfilm™ (X-ray film) or ImageQuant™ LAS 500	Amersham Hyperfilm (X-ray film) or ImageQuant LAS 500	Amersham Imager 600 series X-ray film is also an option	Amersham Imager 600 series X-ray film is also an option	Typhoon™ FLA series Amersham Imager 600RGB
Signal duration	< 3 h	< 2 h	< 24 h	< 2 h	> 3 months
Typical applications	<ul style="list-style-type: none"> Routine protein detection High expressed proteins e.g house keeping proteins Tagged proteins 	<ul style="list-style-type: none"> Routine protein detection Protein confirmation Overexpressed proteins Tagged proteins 	<ul style="list-style-type: none"> Protein quantitation Protein confirmation Protein regulation and expression analysis 	<ul style="list-style-type: none"> Protein quantitation Protein confirmation Protein regulation and expression analysis 	<ul style="list-style-type: none"> Multiplex analysis Normalization to housekeeping protein Analysis of post translational modifications and isoforms
Typical results	<p>WB ERK ½; LOD 320 ng; DR</p>	<p>WB ERK ½; LOD: 40 ng; DR: 2.1</p>	<p>WB ERK ½; LOD: 20 ng; DR: 2.4</p>	<p>WB ERK ½; LOD: 5 ng; DR: 2.4</p>	<p>WB ERK ½ (Cy5 on FLA 9500); LOD 10 ng; DR: 3</p>

Ordering information

Amersham ECL Start	Quantity	Code number
Amersham ECL start Western blotting detection reagent	200 ml for 2000 cm ² membrane	45-100-100
Amersham ECL start Western blotting detection reagent	400 ml for 4000 cm ² membrane	45-100-101

Amersham ECL

Amersham ECL Western blotting detection reagent	100 ml for 1000 cm ² membrane	45-000-878
Amersham ECL Western blotting detection reagent	200 ml for 2000 cm ² membrane	45-000-885
Amersham ECL Western blotting detection reagent	400 ml for 4000 cm ² membrane	45-000-875
Amersham ECL Western blotting detection reagent	600 ml for 6000 cm ² membrane	45-001-160

Amersham ECL Prime

Amersham ECL Prime Western blotting detection reagent	100 ml for 1000 cm ² membrane	45-002-401
Amersham ECL Prime Western blotting detection reagent	300 ml for 3000 cm ² membrane	45-010-090

Amersham ECL Select

Amersham ECL Select Western blotting detection reagent	100 ml for 1000 cm ² membrane	45-000-999
--	--	------------

Amersham ECL Plex

Amersham ECL Plex Combination Pack (includes Cy TM 3, Cy5, Amersham ECL Plex Marker, and Amersham Protran Premium)	For 1000 cm ² membrane	45-001-214
Amersham ECL Plex Combination Pack (includes Cy3, Cy5, Amersham ECL Plex Marker, and Amersham Protran Premium)	For 1000 cm ² membrane	45-001-215
Amersham ECL Plex goat- α -mouse IgG-Cy2, Cy3, Cy5	For 1000 cm ² or 4000 cm ² membrane	
Amersham ECL Plex goat- α -rabbit IgG-Cy2, Cy3, Cy5	For 1000 cm ² or 4000 cm ² membrane	

Blocking Reagents

Amersham ECL Blocking agent	40 g	45-001-197
Amersham ECL Prime Blocking reagent	40 g	45-001-216

Blotting paper	Quantity	Code number
Whatman TM 3MM blotting paper	46 x 57 cm	05-714-5

Amersham Western blotting membranes

Amersham Protran 0.2 NC	1 roll, 30 cm x 4 m	45-004-001
Amersham Protran 0.45 NC	1 roll, 30 cm x 4 m	45-004-002
Amersham Protran Premium 0.2 NC	1 roll, 30 cm x 4 m	45-004-004
Amersham Protran Premium 0.45 NC	1 roll, 30 cm x 4 m	45-004-003
Amersham Hybond P 0.2 PVDF	1 roll, 26 cm x 4 m	45-004-021
Amersham Hybond P 0.45 PVDF	1 roll, 30 cm x 4 m	45-004-110
Amersham Hybond LFP 0.2 PVDF	1 roll, 25.4 cm x 4 m	45-004-095

Molecular weight markers

Amersham ECL DualVue TM Markers – visible on the gel, blot, film, and imager	25 loadings	45-001-182
Amersham ECL Rainbow TM Marker-Full range	250 μ l	45-001-591
Amersham ECL Plex Fluorescent Rainbow Marker	120 μ l	45-001-594

Secondary antibodies

Amersham ECL Mouse IgG, HRP-Linked Whole Ab	1 ml	45-000-679
Amersham ECL Rabbit IgG, HRP-Linked Whole Ab	1 ml	45-000-682

Autoradiography film

Amersham Hyperfilm ECL 5 x 7"	50 sheets	45-001-504
Amersham Hyperfilm ECL 18 x 24 cm	50 sheets	45-001-505
Amersham Hyperfilm ECL 8 x 10"	50 sheets	45-001-508

GE and GE monogram are trademarks of General Electric Company. Amersham, Cy, ECL, ECL DualVue, ECL Plex, ECL Select, Hybond, Hyperfilm, ImageQuant, Rainbow, Typhoon, and Whatman are trademarks of General Electric Company or one of its subsidiaries. Amersham ECL start, Amersham ECL Prime and Amersham ECL Select is manufactured and sold under license from Cyanagen Srl and is subject of US Canadian and EU patent application number EP1950207A1, US2008176251A1, ITBO20070037A1, EP1962095A1, US2008241868A1, ITBO20070112A1, together with other equivalent granted patents and patent applications in other countries.

© 2011–2014 General Electric Company – All rights reserved. First published Apr. 2011.
GE Healthcare, Amersham Place, Little Chalfont, Buckinghamshire, HP7 9NA, UK.



Distributor
GE Healthcare



A Thermo Fisher Scientific Brand

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