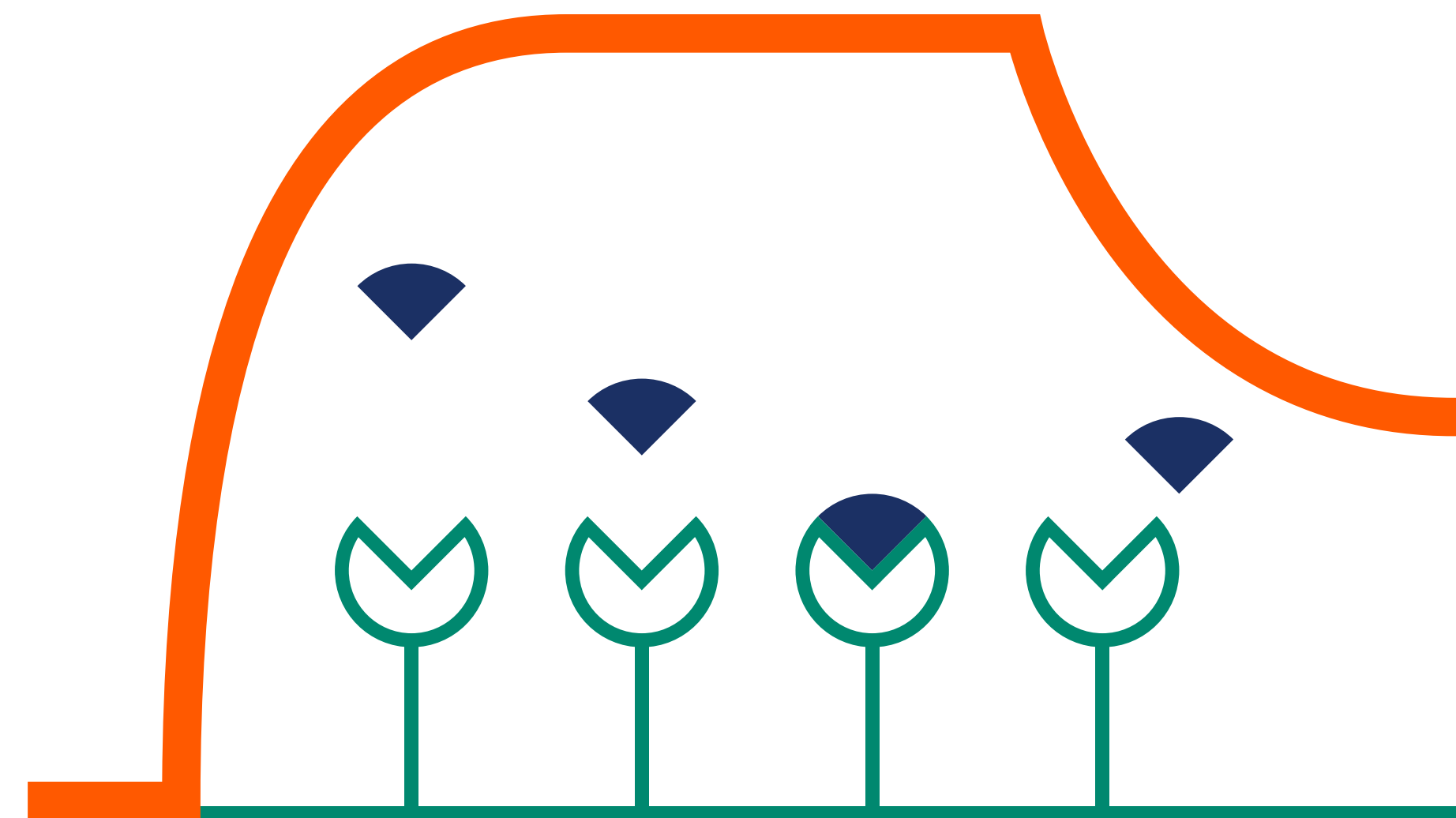
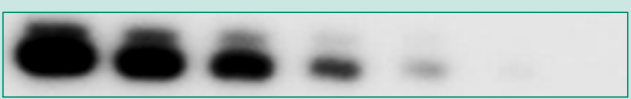



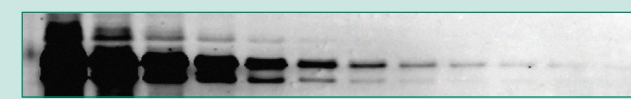


Selection guide

Amersham ECL Western blotting detection reagents



Product	Amersham™ ECL™ start For routine analysis of high to medium abundant proteins	Amersham ECL For reliable detection of high to medium abundant proteins	Amersham ECL Prime For quantitative analysis of high to low abundant proteins	Amersham ECL Select™ For quantitative analysis of medium to very low abundant proteins	Amersham ECL Plex™ For multiplex protein analysis and quantitation of high to very low protein levels
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	Amersham Typhoon™ 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 Confirmation analysis (yes/no answers) Working solution stable for 5 days 	<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>10 µg 320 ng</p> <p>WB ERK ½; LOD 320 ng; DR</p>	 <p>5 µg 40 ng</p> <p>WB ERK ½; LOD: 40 ng; DR: 2.1</p>	 <p>5 µg 20 ng</p> <p>WB ERK ½; LOD: 20 ng; DR: 2.4</p>	 <p>1.2 µg 5 ng</p> <p>WB ERK ½; LOD: 5 ng; DR: 2.4</p>	 <p>10 µg 5 ng</p> <p>WB ERK ½ (Cy5 on FLA 9500); LOD 10: ng; DR: 3</p>

Ordering Information

Amersham ECL Start	Quantity	Product code
Amersham ECL start Western blotting detection reagent	200 mL for 2000 cm ² membrane	RPN3243
Amersham ECL start Western blotting detection reagent	400 mL for 4000 cm ² membrane	RPN3244
Amersham ECL		
Amersham ECL Western blotting detection reagent	125 mL for 1000 cm ² membrane	RPN2109
Amersham ECL Western blotting detection reagent	250 mL for 2000 cm ² membrane	RPN2209
Amersham ECL Western blotting detection reagent	500 mL for 4000 cm ² membrane	RPN2106
Amersham ECL Western blotting detection reagent	750 mL for 6000 cm ² membrane	RPN2134
Amersham ECL Prime		
Amersham ECL Prime Western blotting detection reagent	100 mL for 1000 cm ² membrane	RPN2232
Amersham ECL Prime Western blotting detection reagent	300 mL for 3000 cm ² membrane	RPN2236
Amersham ECL Select		
Amersham ECL Select Western blotting detection reagent	100 mL for 1000 cm ² membrane	RPN2235
Amersham ECL Plex		
Amersham ECL Plex Combination Pack (includes Cy [™] 3, Cy5, Amersham ECL Plex Marker, and Amersham Protran Premium)	For 1000 cm ² membrane	RPN998
Amersham ECL Plex Combination Pack (includes Cy3, Cy5, Amersham ECL Plex Marker, and Amersham Hybond LFP)	For 1000 cm ² membrane	RPN999
Amersham ECL Plex goat- α -mouse IgG-Cy3, Cy5	For 1000 cm ² membrane	
Amersham ECL Plex goat- α -rabbit IgG-Cy3, Cy5	For 1000 cm ² membrane	
Blocking Reagents		
Amersham ECL Blocking agent	40 g	RPN2125
Amersham ECL Prime Blocking reagent	40 g	RPN418

Blotting paper	Quantity	Product Code
Whatman [™] 3MM blotting paper	46 × 57 cm	3030-917
Amersham Western blotting membranes		
Amersham Protran 0.2 NC	1 roll, 30 cm × 4 m	10600001
Amersham Protran 0.45 NC	1 roll, 30 cm × 4 m	10600002
Amersham Protran Premium 0.2 NC	1 roll, 30 cm × 4 m	10600004
Amersham Protran Premium 0.45 NC	1 roll, 30 cm × 4 m	10600003
Amersham Hybond P 0.2 PVDF	1 roll, 26 cm × 4 m	10600021
Amersham Hybond P 0.45 PVDF	1 roll, 30 cm × 4 m	10600023
Amersham Hybond LFP 0.2 PVDF	1 roll, 25.4 cm × 4 m	10600022
Molecular weight markers		
Amersham ECL DualVue [™] Markers — visible on the gel, blot, film, and imager	25 loadings	RPN810
Amersham ECL Rainbow [™] Marker-Full range	250 μ L	RPN800E
Amersham ECL Plex Fluorescent Rainbow Marker	120 μ L	RPN850E
Secondary antibodies		
Amersham ECL Mouse IgG, HRP-Linked Whole Ab	1 mL	NA931-1ML
Amersham ECL Rabbit IgG, HRP-Linked Whole Ab	1 mL	NA934-1ML
Autoradiography film		
Amersham Hyperfilm ECL 5 × 7"	50 sheets	28906835
Amersham Hyperfilm ECL 18 × 24 cm	50 sheets	28906836
Amersham Hyperfilm ECL 8 × 10"	50 sheets	28906838
Protein Labeling		
Amersham QuickStain Protein Labeling Kit	150 reactions	RPN4000

For more product and pack size information plus additional products, please visit [cytiva.com](https://www.cytiva.com)

These products are available from Cytiva distributors [cytiva.com/distributors](https://www.cytiva.com/distributors)

cytiva.com

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate. Amersham, Cy, ECL, ECL DualVue, ECL Plex, ECL Select, Hybond, Hyperfilm, ImageQuant, Rainbow, Typhoon and Whatman are trademarks of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva.

The purchase of CyDye products includes a limited license to use the CyDye products for internal research and development but not for any commercial purposes. Cy and CyDye are trademarks of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva. A license to use the Cy and CyDye trademarks for commercial purposes is subject to a separate license agreement with Cytiva. Commercial use shall include:

1. Sale, lease, license or other transfer of the material or any material derived or produced from it.
2. Sale, lease, license or other grant of rights to use this material or any material derived or produced from it.
3. Use of this material to perform services for a fee for third parties, including contract research and drug screening.

If you require a commercial license to use the Cy and CyDye trademarks, please contact LSlicensing@cytiva.com.

© 2020 Cytiva

All goods and services are sold subject to the terms and conditions of sale of the supplying company operating within the Cytiva business. A copy of those terms and conditions is available on request. Contact your local Cytiva representative for the most current information.

For local office contact information, visit cytiva.com/contact

CY16161-22Dec20-SG

