



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 detectionHigh expressed proteins e.g house keeping proteinsTagged proteins	<ul style="list-style-type: none">Routine protein detectionProtein confirmationOverexpressed proteinsTagged proteins	<ul style="list-style-type: none">Protein quantitationProtein confirmationProtein regulation and expression analysis	<ul style="list-style-type: none">Protein quantitationProtein confirmationProtein regulation and expression analysis	<ul style="list-style-type: none">Multiplex analysisNormalization to housekeeping proteinAnalysis of post translational modifications and isoforms
Typical results	<p>WB ERK 1/2; LOD: 320 ng; DR</p>	<p>WB ERK 1/2; LOD: 40 ng; DR: 2.1</p>	<p>WB ERK 1/2; LOD: 20 ng; DR: 2.4</p>	<p>WB ERK 1/2; LOD: 5 ng; DR: 2.4</p>	<p>WB ERK 1/2 (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	RPN3243
Amersham ECL start Western blotting detection reagent	400 ml for 4000 cm ² membrane	RPN3244

Amersham ECL

Amersham ECL Western blotting detection reagent	100 ml for 1000 cm ² membrane	RPN2109
Amersham ECL Western blotting detection reagent	200 ml for 2000 cm ² membrane	RPN2209
Amersham ECL Western blotting detection reagent	400 ml for 4000 cm ² membrane	RPN2106
Amersham ECL Western blotting detection reagent	600 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
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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	RPN998
Amersham ECL Plex Combination Pack (includes Cy3, Cy5, Amersham ECL Plex Marker, and Amersham Protran Premium)	For 1000 cm ² membrane	RPN999
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	RPN2125
Amersham ECL Prime Blocking reagent	40 g	RPN418

Blotting paper	Quantity	Code number
Whatman TM 3MM blotting paper	46 x 57 cm	3030-917

Amersham Western blotting membranes

Amersham Protran 0.2 NC	1 roll, 30 cm x 4 m	10600001
Amersham Protran 0.45 NC	1 roll, 30 cm x 4 m	10600002
Amersham Protran Premium 0.2 NC	1 roll, 30 cm x 4 m	10600004
Amersham Protran Premium 0.45 NC	1 roll, 30 cm x 4 m	10600003
Amersham Hybond P 0.2 PVDF	1 roll, 26 cm x 4 m	10600021
Amersham Hybond P 0.45 PVDF	1 roll, 30 cm x 4 m	10600023
Amersham Hybond LFP 0.2 PVDF	1 roll, 25.4 cm x 4 m	10600022

Molecular weight markers

Amersham ECL DualVue TM Markers – visible on the gel, blot, film, and imager	25 loadings	RPN810
Amersham ECL Rainbow TM 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 x 7"	50 sheets	28-9068-35
Amersham Hyperfilm ECL 18 x 24 cm	50 sheets	28-9068-36
Amersham Hyperfilm ECL 8 x 10"	50 sheets	28-9068-38

For more product and pack size information plus additional products, please visit www.gelifesciences.com

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