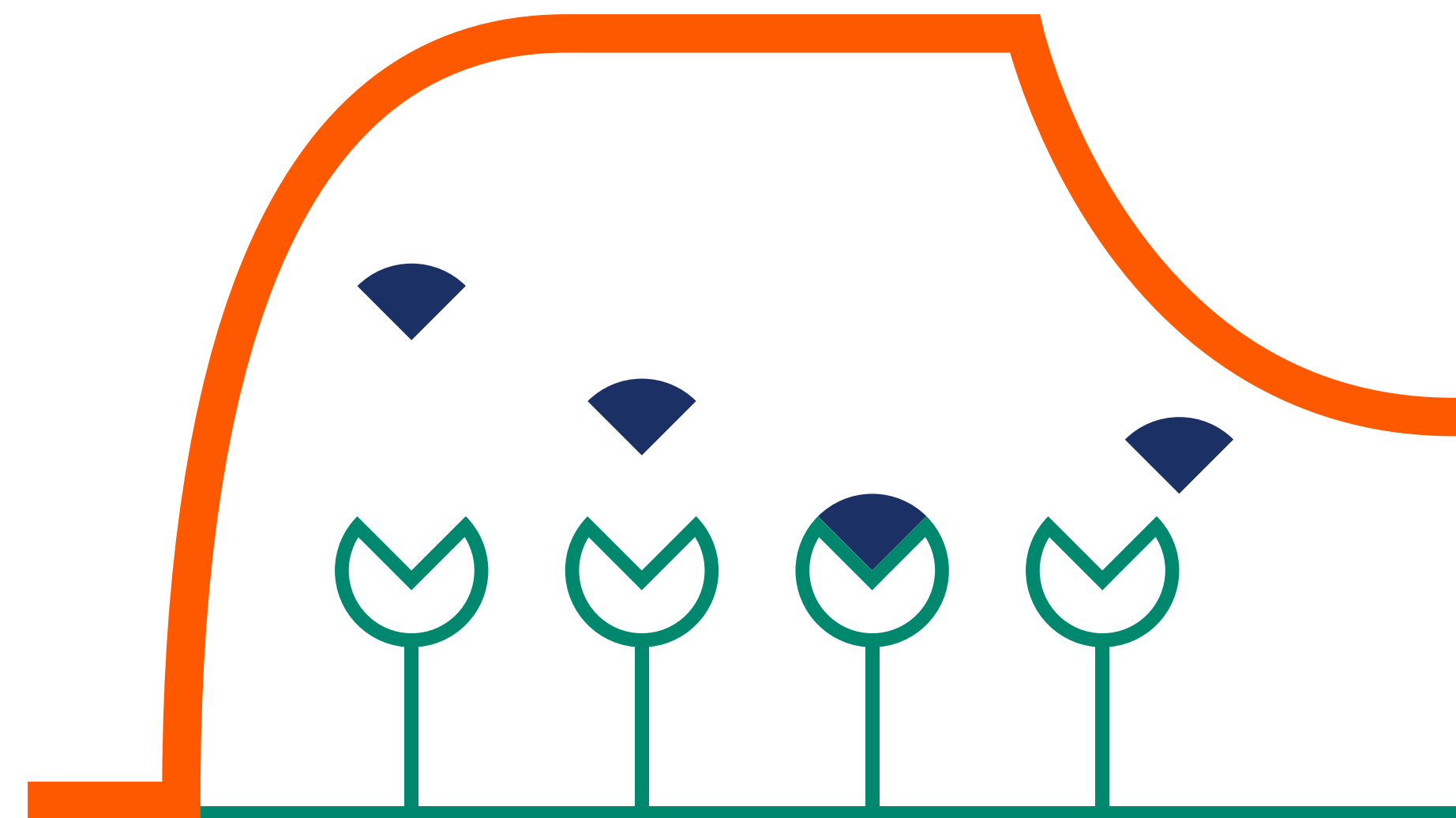

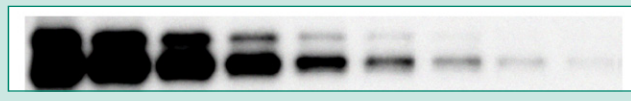
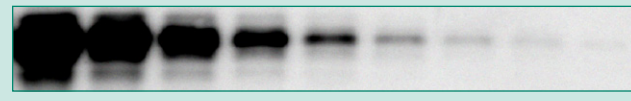
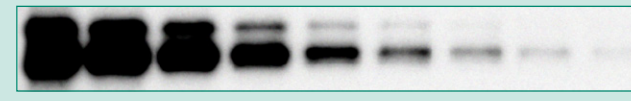
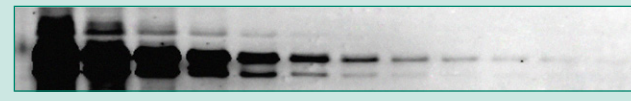


# Amersham™ ECL™ Western blotting detection reagents



Product	Amersham™ ECL™ start For routine analysis of <b>high to medium abundant proteins</b>	Amersham™ ECL™ For reliable detection of <b>high to medium abundant proteins</b>	Amersham™ ECL™ Prime For quantitative analysis of <b>high to low abundant proteins</b>	Amersham™ ECL Select™ For quantitative analysis of <b>medium to very low abundant proteins</b>	Amersham™ ECL Plex™ For multiplex protein analysis and quantitation of <b>high to very low protein levels</b>
<b>Detection type</b>	Chemiluminescence	Chemiluminescence	Chemiluminescence	Chemiluminescence	Fluorescence
<b>Optimal membrane</b>	Amersham™ Protran™	Amersham™ Protran™	Amersham™ Hybond™ P Amersham™ Protran™	Amersham™ Hybond™ P Amersham™ Protran™	Amersham™ Hybond™ LFP Amersham™ Protran™ Premium
<b>Recommended detection</b>	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
<b>Signal duration</b>	< 3 h	< 2 h	< 24 h	< 2 h	> 3 months
<b>Typical applications</b>	<ul style="list-style-type: none"> <li>Routine protein detection</li> <li>Confirmation analysis (yes/no answers)</li> <li>Working solution stable for 5 days</li> </ul>	<ul style="list-style-type: none"> <li>Routine protein detection</li> <li>Protein confirmation</li> <li>Overexpressed proteins</li> <li>Tagged proteins</li> </ul>	<ul style="list-style-type: none"> <li>Protein quantitation</li> <li>Protein confirmation</li> <li>Protein regulation and expression analysis</li> </ul>	<ul style="list-style-type: none"> <li>Protein quantitation</li> <li>Protein confirmation</li> <li>Protein regulation and expression analysis</li> </ul>	<ul style="list-style-type: none"> <li>Multiplex analysis</li> <li>Normalization to housekeeping protein</li> <li>Analysis of post translational modifications and isoforms</li> </ul>
<b>Typical results</b>	<p>10 µg                      320 ng</p>  <p>WB ERK 1/2; LOD 320 ng; DR</p>	<p>5 µg                      40 ng</p>  <p>WB ERK 1/2; LOD: 40 ng; DR: 2.1</p>	<p>5 µg                      20 ng</p>  <p>WB ERK 1/2; LOD: 20 ng; DR: 2.4</p>	<p>1.2 µg                      5 ng</p>  <p>WB ERK 1/2; LOD: 5 ng; DR: 2.4</p>	<p>10 µg                      5 ng</p>  <p>WB ERK 1/2 (Cy™5 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 <sup>2</sup> membrane	RPN3243
Amersham™ ECL™ start Western blotting detection reagent	400 mL for 4000 cm <sup>2</sup> membrane	RPN3244
Amersham™ ECL™		
Amersham™ ECL™ Western blotting detection reagent	125 mL for 1000 cm <sup>2</sup> membrane	RPN2109
Amersham™ ECL™ Western blotting detection reagent	250 mL for 2000 cm <sup>2</sup> membrane	RPN2209
Amersham™ ECL™ Western blotting detection reagent	500 mL for 4000 cm <sup>2</sup> membrane	RPN2106
Amersham™ ECL™ Western blotting detection reagent	750 mL for 6000 cm <sup>2</sup> membrane	RPN2134
Amersham™ ECL™ Prime		
Amersham™ ECL™ Prime Western blotting detection reagent	100 mL for 1000 cm <sup>2</sup> membrane	RPN2232
Amersham™ ECL™ Prime Western blotting detection reagent	300 mL for 3000 cm <sup>2</sup> membrane	RPN2236
Amersham™ ECL Select™		
Amersham™ ECL Select™ Western blotting detection reagent	100 mL for 1000 cm <sup>2</sup> membrane	RPN2235
Amersham™ ECL Plex™		
Amersham™ ECL Plex™ Combination Pack (includes Cy™3, Cy™5, Amersham™ ECL Plex™ Marker, and Amersham™ Protran™ Premium)	For 1000 cm <sup>2</sup> membrane	RPN998
Amersham™ ECL Plex™ Combination Pack (includes Cy™3, Cy™5, Amersham™ ECL Plex™ Marker, and Amersham™ Hybond™ LFP)	For 1000 cm <sup>2</sup> membrane	RPN999
Amersham™ ECL Plex™ goat-α-mouse IgG-Cy™3, Cy™5	For 1000 cm <sup>2</sup> membrane	
Amersham™ ECL Plex™ goat-α-rabbit IgG-Cy™3, Cy™5	For 1000 cm <sup>2</sup> 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 µL	RPN800E
Amersham™ ECL Plex™ Fluorescent Rainbow™ Marker	120 µL	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

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