



Amersham™ Western blotting

Selection guide

Western blotting selection guide

Chemiluminescence/film
Chemiluminescence/CCD
Fluorescence

Product		Quantity	Code number	Description
Sample preparation				
SDS-PAGE Clean-Up kit	• • •	50 samples	80-6484-70	Removal of interfering contaminants and concentration of total protein
Mammalian protein Extraction buffer	• • •	1 × 500 ml	28-9412-79	Buffer for extraction of proteins from mammalian cells
2-D Quant kit	• • •	500 assays	80-6483-56	Quantitation of protein amount using a colorimetric assay
PD MiniTrap G-25	• • •	50	28-9180-07	PD MiniTrap G-25 is a prepacked, single-use column for buffer exchange and cleanup of biological samples, for example proteins and carbohydrates.
PD MidiTrap G-25	• • •	50	28-9180-08	PD MidiTrap G-25 is designed for convenient desalting and buffer exchange of biological samples and volumes up to 1.0 ml can be handled.
PD MultiTrap G-25	• • •	4 × 96-well filter plates	28-9180-06	PD MultiTrap G-25 is designed for high-throughput desalting and buffer exchange of multiple samples.
PD MiniTrap G-10	• • •	50	28-9180-10	PD MiniTrap G-10 columns are prepacked, single-use gravity columns for buffer exchange and cleanup of biological samples, for example peptides, small proteins, and oligosaccharides
PD MidiTrap G-10	• • •	50	28-9180-11	PD MidiTrap G-10 columns are prepacked, single-use gravity columns for buffer exchange and cleanup of biological samples, for example peptides, small proteins, and oligosaccharides
Streptavidin Mag Sepharose	• • •	2 × 1 ml	28-9857-38	Streptavidin Mag Sepharose is a magnetic bead for simple and efficient enrichment of target proteins by immunoprecipitation and purification of biotinylated biomolecules. Streptavidin Mag Sepharose utilizes the strong interaction between biotin and streptavidin ligand, which is immobilized on magnetic beads. Magnetic beads simplify sample handling in small-scale purifications.
Streptavidin Mag Sepharose	• • •	5 × 1 ml	28-9857-99	Streptavidin Mag Sepharose is a magnetic bead for simple and efficient enrichment of target proteins by immunoprecipitation and purification of biotinylated biomolecules. Streptavidin Mag Sepharose utilizes the strong interaction between biotin and streptavidin ligand, which is immobilized on magnetic beads. Magnetic beads simplify sample handling in small-scale purifications.
Protein G Mag Sepharose	• • •	1 × 500 µl	28-9440-08	Protein G Mag Sepharose are magnetic beads designed to simplify enrichment of target proteins by immunoprecipitation or pull-down applications. The magnetic beads are based on Sepharose with protein G as ligand. Protein G has high affinity for the Fc region of IgG antibodies from a broad variety of species
Protein G Mag Sepharose	• • •	4 × 500 µl	28-9513-79	Protein G Mag Sepharose are magnetic beads designed to simplify enrichment of target proteins by immunoprecipitation or pull-down applications. The magnetic beads are based on Sepharose with protein G as ligand. Protein G has high affinity for the Fc region of IgG antibodies from a broad variety of species
Protein A Mag Sepharose	• • •	1 × 500 µl	28-9440-06	Protein A Mag Sepharose are magnetic beads designed to simplify enrichment of target proteins by immunoprecipitation or pull-down applications. Based on Sepharose with native protein A as ligand.
Protein A Mag Sepharose	• • •	4 × 500 µl	28-9513-78	Protein A Mag Sepharose are magnetic beads designed to simplify enrichment of target proteins by immunoprecipitation or pull-down applications. Based on Sepharose with native protein A as ligand.
TiO ₂ Mag Sepharose	• • •	1 × 500 µl	28-9440-10	TiO ₂ Mag Sepharose is magnetic beads designed for enrichment of phosphopeptides from tryptic digested protein samples
TiO ₂ Mag Sepharose	• • •	4 × 500 µl	28-9513-77	TiO ₂ Mag Sepharose is magnetic beads designed for enrichment of phosphopeptides from tryptic digested protein samples
NHS Mag Sepharose	• • •	1 × 500 µl	28-9440-09	NHS Mag Sepharose are magnetic beads designed for pull-down techniques enabling rapid capture and enrichment of selected proteins based on affinity
NHS Mag Sepharose	• • •	4 × 500 µl	28-9513-80	NHS Mag Sepharose are magnetic beads designed for pull-down techniques enabling rapid capture and enrichment of selected proteins based on affinity

Chemiluminescence/Film
Chemiluminescence/CCD
Fluorescence

Product		Quantity	Code number	Description
Gel electrophoresis				
Amersham ECL™ Gel Box	• • •	1	28-9906-08	Horizontal electrophoresis system with virtually no assembly required
Amersham ECL Gel 10%, 10 wells	• • •	Pack of 10	28-9898-04	Precast horizontal PAGE gel for protein electrophoresis
Amersham ECL Gel 10%, 15 wells	• • •	Pack of 10	28-9901-55	Precast horizontal PAGE gel for protein electrophoresis
Amersham ECL Gel 12%, 10 wells	• • •	Pack of 10	28-9898-05	Precast horizontal PAGE gel for protein electrophoresis
Amersham ECL Gel 12%, 15 wells	• • •	Pack of 10	28-9901-56	Precast horizontal PAGE gel for protein electrophoresis
Amersham ECL Gel 4-12%, 10 wells	• • •	Pack of 10	28-9898-06	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel 4-12%, 15 wells	• • •	Pack of 10	28-9901-57	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel 8-16%, 10 wells	• • •	Pack of 10	28-9898-07	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel 8-16%, 15 wells	• • •	Pack of 10	28-9901-58	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel 4-20%, 10 wells	• • •	Pack of 10	28-9901-54	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel 4-20%, 15 wells	• • •	Pack of 10	28-9901-59	Precast horizontal gradient PAGE gel for protein electrophoresis
Amersham ECL Gel running buffer	• • •	10 runs	28-9902-52	Pre-made 10 × concentrated Laemmli buffer for denatured protein electrophoresis
EPS 301 Power Supply	• • •	1	18-1130-01	Power supply suitable for the Amersham ECL Gel system
miniVE, complete	• • •	1	80-6418-77	Perform 1-D and 2-D electrophoresis and electrotransfer in a single compact unit. Choose precast gels from a variety of manufacturers Perform two second-dimension separations using 7 cm IPG strips in 1.5 h
PlusOne Acrylamide Page	• • •	1000 ml	17130202	Contains extremely low concentrations of impurities that can interfere with the polymerization reaction which makes it highly suitable for SDS and native PAGE techniques.
PlusOne Methylenebis Acrylamide	• • •	100 g	17130402	PlusOne N,N'-Methylenebisacrylamide is a general cross-linker used with acrylamide for PAGE techniques.
PlusOne Methylenebis Acrylamide, 2% solution	• • •	1000 ml	17130601	PlusOne N,N'-Methylenebisacrylamide is a general cross-linker used with acrylamide for PAGE techniques.
PlusOne Readysol IEF, 40%	• • •	1000 ml	17131001	PlusOne Acrylamide IEF is outstanding for use in isoelectric focusing due to the absence of polymerization interfering impurities.
PlusOne Ammonium Persulphate	• • •	25 g	17131101	Ammonium persulfate is the initiator of choice for the polymerization of acrylamide. The high quality of PlusOne Ammonium Persulfate supports efficient polymerization at concentrations as low as 1 mM.
PlusOne Temed	• • •	25 ml	17131201	Temed is a catalyst for the polymerization of acrylamide when used with ammonium persulfate.
PlusOne Tris	• • •	500 g	17132101	Suitable for preparing electrophoresis buffer in the pH range of 7.2 to 9.0. Qualified for 2-D electrophoresis.
PlusOne Glycine	• • •	500 g	17132301	Frequently used as a component of electrophoresis buffers, especially in the Laemmli discontinuous buffer system for SDS-PAGE.
PlusOne Glycerol 87 %	• • •	1000 ml	17132501	Stabilizing medium for casting polyacrylamide gradients. In IEF, the pH gradient can be stabilized by introducing 10-15% glycerol. It also stabilizes polyacrylamide gels for preservation.
PlusOne Bromophenol Blue	• •	10 g	17132901	Electrophoresis tracking dye.
Marker				
Amersham ECL Rainbow™ marker - Low range	• •	250 µl	RPN755E	M _r 3 500 to 38 000, seven separate proteins with five different visible colors, not visible on chemiluminescence image
Amersham ECL Rainbow marker - High range	• •	250 µl	RPN756E	M _r 12 000 to 225 000, eight separate proteins with six different visible colors, not visible on chemiluminescence image
Amersham ECL Rainbow marker - Full range	• •	250 µl	RPN800E	M _r 12 000 to 225 000, ten separate proteins with six different visible colors, not visible on chemiluminescence image
Amersham ECL DualVue™ Western blotting markers	• •	25 loadings	RPN810	Detect proteins on gel and membrane as well as on film, M _r 15 000 to 150 000 with 3 bands visible on gel and blotting membrane and 7 bands visible on chemiluminescence image
Amersham ECL Plex™ Fluorescent Rainbow markers	•	120 µl	RPN850E	Protein visible molecular weight markers, as well as fluorescent images using Cy3 and Cy5 channels. M _r 12 000 to 225 000
Amersham ECL Plex Fluorescent Rainbow markers	•	500 µl	RPN851E	Protein visible molecular weight markers, as well as fluorescent images using Cy3 and Cy5 channels. M _r 12 000 to 225 000

Product		Quantity	Code number	Description
Blotting paper				
3MM Chr 20 × 20 cm	• • •	100 sheets	3030-861	Blotting paper suitable for Western blot
Blotting sandwich				
Amersham Protran 0.1 NC	• •	10 units, 8 × 9 cm	10600116	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran 0.1 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran 0.2 NC	• •	10 units, 8 × 9 cm	10600115	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran 0.2 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran 0.45 NC	• •	10 units, 8 × 9 cm	10600114	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran 0.45 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran Premium 0.2 NC	• • •	10 units, 8 × 9 cm	10600118	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran Premium 0.2 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran Premium 0.45 NC	• • •	10 units, 8 × 9 cm	10600117	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran Premium 0.45 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran Supported 0.2 NC	• •	10 units, 8 × 9 cm	10600120	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran Supported 0.2 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Protran Supported 0.45 NC	• •	10 units, 8 × 9 cm	10600119	Contains 10 Western blotting sandwiches, consisting of precut Amersham Protran Supported 0.45 µm nitrocellulose membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Hybond™ P 0.2 PVDF	• •	10 units, 8 × 9 cm	10600122	Contains 10 Western blotting sandwiches, consisting of precut Amersham Hybond P 0.2 µm PVDF membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Hybond P 0.45 PVDF	• • •	10 units, 8 × 9 cm	10600121	Contains 10 Western blotting sandwiches, consisting of precut Amersham Hybond P 0.45 µm PVDF membranes preassembled with 2 × 3MM Chr Blotting papers.
Amersham Hybond LFP 0.2 PVDF		• 10 units, 8 × 9 cm	10600123	Contains 10 Western blotting sandwiches, consisting of precut Amersham Hybond LFP 0.2 µm PVDF membranes preassembled with 2 × 3MM Chr Blotting papers.
Blotting membranes				
Amersham Protran 0.1 NC	• •	1 roll, 30 cm × 4 m	10600000	Versatile nitrocellulose membrane, with 0.1 µm pore size, provides excellent binding affinity for small proteins and peptides, as well as nucleic acids.
Amersham Protran 0.2 NC	• •	1 roll, 30 cm × 4 m	10600001	Versatile nitrocellulose membrane, with 0.1 µm pore size, provides excellent binding affinity for small proteins and peptides, as well as nucleic acids.
Amersham Protran 0.45 NC	• •	1 roll, 30 cm × 4 m	10600002	Nitrocellulose membrane, with a 0.2 µm pore size and high surface area, for binding of small proteins (< M _r 20 000).
Amersham Protran Premium 0.2 NC	• • •	1 roll, 30 cm × 4 m	10600004	Nitrocellulose membrane, with a 0.45 µm pore size, is suitable for proteins of a wide range of molecular weights.
Amersham Protran Premium 0.45 NC	• • •	1 roll, 30 cm × 4 m	10600003	Nitrocellulose blotting membrane, with 0.2 µm pore size, provides excellent sensitivity, resolution, and low background in fluorescence Western blotting detection applications.
Amersham Protran Supported 0.2 NC	• •	1 roll, 30 cm × 4 m	10600015	Robust protein blotting membrane, with 0.2 µm pore size, made of reinforced nitrocellulose for multiple reprobing.
Amersham Protran Supported 0.45 NC	• •	1 roll, 30 cm × 4 m	10600016	Robust protein blotting membrane, with 0.45 µm pore size, made of reinforced nitrocellulose for multiple reprobing.
Amersham Hybond™ P 0.2 PVDF	• •	1 roll, 26 cm × 4 m	10600021	PVDF blotting membrane, with 0.2 µm pore size, for use with standard colorimetric and chemiluminescent detection methods for proteins of < M _r 20 000.
Amersham Hybond P 0.45 PVDF	• • •	1 roll, 30 cm × 4 m	10600023	PVDF blotting membrane, with 0.45 µm pore size, for use with chemiluminescent and fluorescent detection methods for proteins of > M _r 20 000.
Amersham Hybond LFP 0.2 PVDF		• 1 roll, 25.4 cm × 4 m	10600022	PVDF protein blotting membrane, with 0.2 µm pore size, provides low auto-fluorescence across a wide range of excitation/emission wavelengths. Low-fluorescent PVDF membrane optimized for fluorescent Western blotting applications.

Product	Quantity	Code number	Description
Transfer units			
TE 22 Mini Tank Transfer Unit	• • • 1	80-6204-26	Performs protein and nucleic acid transfers in less than one h. Transfers four mini-gels up to 9 × 10 cm in about 1 l of buffer
TE 70 Semi-Dry Transfer Unit, 14 × 16 cm	• • • 1	80-6210-34	Semi-dry electrotransfer proteins from polyacrylamide gels in less than one h.
TE 70 PWR Semi-Dry Transfer Unit, 14 × 16 cm	• • • 1	11-0013-41	Semi-dry electrotransfer proteins from polyacrylamide gels in less than one h. Built in power supply
TE 77 Semi-Dry Transfer Unit, 21 × 26 cm	• • • 1	80-6211-86	Semi-dry electrotransfer proteins from polyacrylamide gels in less than one h.
TE 77 PWR Semi-Dry Transfer Unit, 21 × 26 cm	• • • 1	11-0013-42	Semi-dry electrotransfer proteins from polyacrylamide gels in less than one h. Built in power supply
EPS 301 Power supply	• • • 1	18-1130-01	Power supply suitable for Western blotting
Blocking agent			
Amersham ECL blocking agent	• • • 40 g	RPN2125	For blocking nitrocellulose and PVDF membranes to be used with e.g. Amersham ECL Start and Amersham ECL Western blotting detection reagents
Amersham ECL Prime blocking reagent	• • • 40 g	RPN418	For blocking nitrocellulose and PVDF membranes to be used with e.g. Amersham ECL Prime, Amersham ECL Select™ and Amersham ECL Plex™ Western blotting detection reagents
Secondary antibody			
Amersham ECL Mouse IgG, HRP-linked whole Ab (from sheep)	• • • 1 ml	NA931-1ML	Secondary antibody for use with chemiluminescent detection reagents
Amersham ECL Rabbit IgG, HRP-linked whole Ab (from donkey)	• • • 1 ml	NA934-1ML	Secondary antibody for use with chemiluminescent detection reagents
Amersham ECL Mouse IgG, HRP-linked F(ab) ₂ fragment (from sheep)	• • • 1 ml	NA9310-1ML	Secondary antibody for use with chemiluminescent detection reagents
Amersham ECL Rabbit IgG, HRP-linked F(ab) ₂ fragment (from donkey)	• • • 1 ml	NA9340-1ML	Secondary antibody for use with chemiluminescent detection reagents
Amersham ECL Plex goat-α-mouse IgG-Cy™2	• 150 ug	28-9011-08	Cy-2 conjugated secondary antibody for fluorescent detection
Amersham ECL Plex goat-α-rabbit IgG-Cy2	• 150 ug	28-9011-10	Cy-2 conjugated secondary antibody for fluorescent detection
Amersham ECL Plex goat-α-rabbit IgG-Cy3	• 150 ug	28-9011-06	Cy-3 conjugated secondary antibody for fluorescent detection
Amersham ECL Plex goat-α-mouse IgG-Cy3	• 150 ug	PA43009	Cy-3 conjugated secondary antibody for fluorescent detection
Amersham ECL Plex goat-α-rabbit IgG-Cy5	• 150 ug	PA45011	Cy-5 conjugated secondary antibody for fluorescent detection
Amersham ECL Plex goat-α-mouse IgG-Cy5	• 600 ug	PA45010	Cy-5 conjugated secondary antibody for fluorescent detection
Detection reagent			
Amersham ECL Select™ Western blotting detection reagent	• • • For 1000 cm ²	RPN2235	Western blotting detection reagent with highly intense signal output, for detection of medium to very low protein levels. The most sensitive chemiluminescent Western blotting detection reagent in our Amersham ECL range.
Amersham ECL Prime Western blotting detection reagent	• • • for 1000 cm ²	RPN2232	Highly sensitive chemiluminescent detection reagent with long lasting signal for accurate detection of minute changes in protein levels.
Amersham ECL Prime Western blotting detection reagent	• • • for 3000 cm ²	RPN2236	Highly sensitive chemiluminescent detection reagent with long lasting signal for accurate detection of minute changes in protein levels.
Amersham ECL Western blotting detection reagent	• • • for 1000 cm ²	RPN2109	The world's first commercially available chemiluminescent detection reagent is still one of the most widely used.
Amersham ECL Western blotting detection reagent	• • • for 4000 cm ²	RPN2106	The world's first commercially available chemiluminescent detection reagent is still one of the most widely used.
Amersham ECL Western blotting detection reagent	• • • for 6000 cm ²	RPN2134	The world's first commercially available chemiluminescent detection reagent is still one of the most widely used.
Amersham ECL start Western blotting detection reagent	• • • For 2000 cm ²	RPN3243	Highly reliable, entry level chemiluminescent Western blotting reagent providing flexible protocol for standard, confirmatory Western blot applications.
Amersham ECL start Western blotting detection reagent	• • • For 4000 cm ²	RPN3244	Highly reliable, entry level chemiluminescent Western blotting reagent providing flexible protocol for standard, confirmatory Western blot applications.

Product		Quantity	Code number	Description
Detection with film				
Amersham Hyperfilm™ ECL (5 × 7 inches)	•	50 sheets	28-9068-35	Suitable for use with all blue and green light chemiluminescent system, such as Amersham ECL and Amersham ECL Prime
Amersham Hyperfilm ECL (18 × 24 cm)	•	50 sheets	28-9068-36	Suitable for use with all blue and green light chemiluminescent system, such as Amersham ECL and Amersham ECL Prime
Amersham Hyperfilm ECL (8 × 10 inches)	•	50 sheets	28-9068-38	Suitable for use with all blue and green light chemiluminescent system, such as Amersham ECL and Amersham ECL Prime
Detection with imager				
ImageQuant™ LAS 500	•	1	29-0050-63	Touch screen CCD camera for chemiluminescent detection of mini gels and blots
Amersham Imager 600UV	• •	1	29-0834-63	Sensitive and robust imager for chemiluminescence, UV transillumination, and UV fluorescence analysis of protein and DNA samples in gels and membranes.
Amersham Imager 600	•	1	29-0834-61	Sensitive and robust chemiluminescence imager for high-resolution digital imaging of protein and DNA samples in gels and membranes
Amersham Imager 600QC	•	1	29-0834-64	CCD imager for accurate and routine densitometric quantitation of gels and blots within regulatory environments.
Amersham Imager 600RGB	• •	1	29-0834-67	Sensitive and robust imager for chemiluminescence, UV and white light transillumination, and multifluorescence analysis of protein and DNA samples in gels and membranes.
Typhoon™ FLA 7000	•	1	28-9558-09	Laser scanner for the detection of fluorescent blots and gels as well as phosphoimaging
Typhoon FLA 9500	•	1	29-0040-80	A versatile laser scanner for detection of multiplex fluorescence blot using a large scanning area (40 × 46 cm)
Analysis and quantitation				
IQTL 8.1 and IQTL SecurITy 8.1 Software package	• • •	1	29-0006-05	Analysis software for 1D electrophoresis and Western blotting - including support and control of traceability of data
IQTL 8.1, node locked license	• • •	1	29-0007-37	Analysis software for 1D electrophoresis and Western blotting
IQTL 8.1 IQTL SecurITy, node locked license	• • •	1	29-0007-40	Analysis software for 1D electrophoresis and Western blotting - including support and control of traceability of data
IQTL 8.1, 5 × 1, node locked license	• • •	1	29-0008-10	Analysis software for 1D electrophoresis and Western blotting
IQTL 8.1, 5-user floating license	• • •	1	29-0006-91	Analysis software for 1D electrophoresis and Western blotting
Amersham WB system	•	1	29-0320-30	Fully integrated system for SDS-PAGE and Western blotting of proteins based on fluorescence detection. The Amersham WB system consists of the Amersham WB analyzer, Amersham WB software, and dedicated consumables for electrophoresis and Western blotting.
Amersham WB MiniTrap kit	•	30	29-0222-21	Amersham WB MiniTrap kit is designed for rapid and convenient clean-up of protein samples containing imidazole prior to labeling with Amersham WB Cy5 dye reagent. Buffer exchange is necessary since imidazole considerably reduces labeling efficiency. Amersham WB MiniTrap kit contains disposable PD MiniTrap G-25 columns and 10× Amersham WB labeling buffer (stock solution). Rapid sample clean-up is performed using a gravity protocol, where one or several columns can conveniently be run in parallel using the column stand supplied in the kit.
Amersham WB Cy5	•	for 10 gels	29-0307-31	Cy5 pre-labeling reagents are used for pre-labeling protein samples with a fluorescent dye.
Amersham WB Labeling Buffer	•	5 vials	29-0307-32	Tris-based buffer containing SDS with pH 8.7 (at 25°C) for use during pre-labeling of protein samples.
Amersham WB Buffer Strips	•	20 strips for 10 gel runs	29-0225-70	Buffer strips, for use with Amersham WB system, containing running buffer for convenient and consistent SDS-PAGE runs.
Amersham WB gel card 13.5%	•	10 gels	29-0225-64	
Amersham WB gel card 8–18%	•	10 gels	29-0225-65	
Amersham WB Molecular Weight Markers	•	For 10 gels	29-0307-35	
Amersham WB Loading buffer	•	5 vials	29-0307-33	Tris-Cl, SDS loading buffer containing the dye Orange G.
Amersham WB PVDF Card	•	10 membranes/ package	29-0225-66	Dedicated PVDF blotting membrane, for use with Amersham WB system. Keyed design and guiding holes for ease-of-use and to eliminate user mistakes.
Amersham WB Paper Comb	•	100 papers/ package	29-0562-86	Paper comb for optional removal of unbound dye that may interfere with resolution in the low molecular weight area (below 20 kDa) of the separation zone.

Chemiluminescence/Film
Chemiluminescence/CCD
Fluorescence

Product		Quantity	Code number	Description
Amersham WB goat anti-mouse Cy5	•	150 µg/vial	29-0382-77	Fluorescent (Cy5) secondary antibodies with reactivity against mouse.
Amersham WB goat anti-rabbit Cy5	•	150 µg/vial	29-0382-78	Fluorescent (Cy5) secondary antibodies with reactivity against rabbit.
Amersham WB goat anti-mouse Cy3	•	150 µg/vial	29-0382-75	Fluorescent (Cy3) secondary antibodies with reactivity against mouse.
Amersham WB goat anti-rabbit Cy3	•	150 µg/vial	29-0382-76	Fluorescent (Cy3) secondary antibodies with reactivity against rabbit.
Amersham WB Transfer paper	•	100 papers/ package	29-0639-02	Transfer paper to be used in the Western blotting transfer sandwich.
Amersham WB Sponge	•	100 sponges/ package	29-0341-13	Single-use sponge to be used in the Western blotting transfer sandwich (one time use ensures optimal transfer reproducibility).

* Not available in all markets

Amersham ECL detection systems

	Amersham ECL start	Amersham ECL	Amersham ECL Prime	Amersham ECL Select	Amersham ECL Plex
Detection technique	Chemiluminescence	Chemiluminescence	Chemiluminescence	Chemiluminescence	Fluorescence
Protein expression	High	High to medium	Medium to low	Low to very low	Low to very low
Marker	Amersham ECL DualVue marker	Amersham ECL DualVue marker Amersham ECL Rainbow markers	Amersham ECL DualVue markers Amersham ECL Rainbow markers	Amersham ECL Dual Vue markers Amersham ECL Rainbow markers	Amersham ECL Plex Fluorescence Rainbow marker
Blotting membrane	Amersham Protran Amersham Hybond P	Amersham Protran Amersham Hybond P	Amersham Hybond P Amersham Protran	Amersham Hybond P Amersham Protran	Amersham Hybond LFP Amersham Protran Premium
Primary antibody dilution	1:500 – 1:3000	1:1000 – 1:5000	1:5000 – 1:25 000	1:10000 – 1:30 000	1:100 – 1:5000
Secondary antibody dilution	1:5000 – 1:1305 000	1:10 000 – 1:50 000	1:50 000 – 1:250 000	1:100 000 – 1:300 000	1:1250 – 1:4000

Manual workflow



Integrated workflow



Amersham WB system

Many types of products are available in other formats and pack sizes. Please visit www.gelifesciences.com for more information
 These products are available from GE Healthcare distributors www.gelifesciences.com/distributors



www.gelifesciences.com/Amershamwb

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 is manufactured and sold under license from Cyanogen 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..

© 2011–2015 General Electric Company – All rights reserved. First published Apr. 2011.

GE Healthcare Bio-Sciences AB, Björkgatan 30, 751 84 Uppsala, Sweden.

All goods and services are sold subject to the terms and conditions of sale of the company within GE Healthcare which supplies them. A copy of these terms and conditions is available on request.

Contact your local GE Healthcare representative for the most current information.

GE Healthcare UK Limited, Amersham Place, Little Chalfont, Buckinghamshire, HP7 9NA, UK

29-0145-96 AE 01/2015