













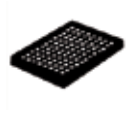
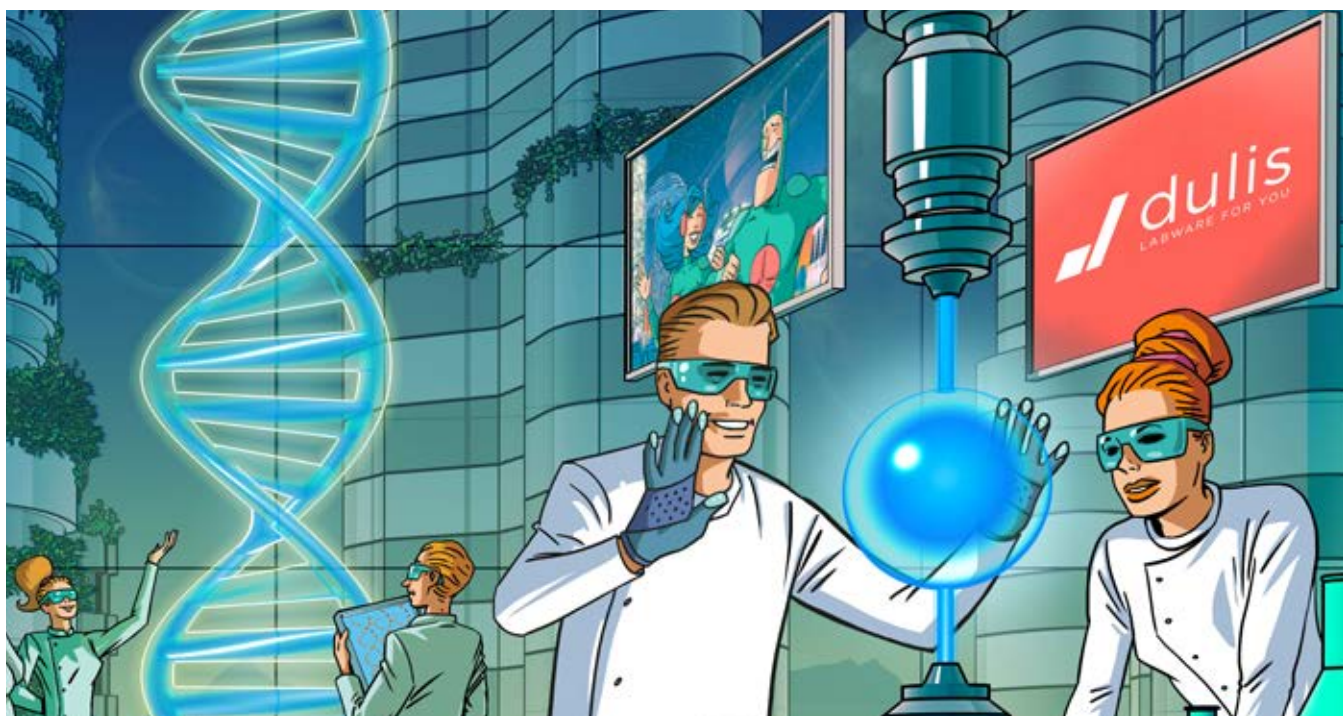


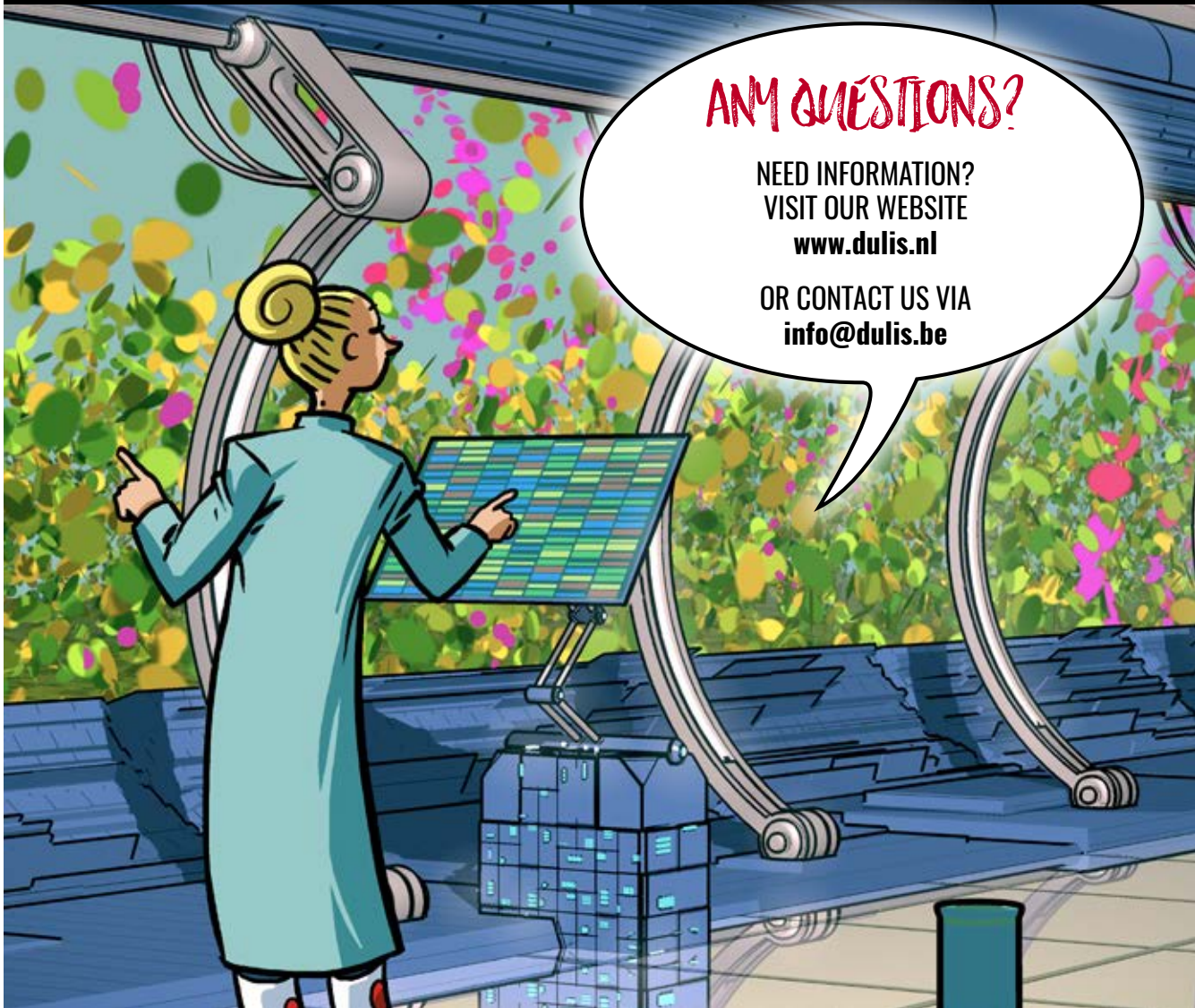
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Locate the main types of applications for our products by following the pictograms:

SAMPLE  Human  Animal  Plant  Micro-organism/virus				ELECTROPHORESIS  Electrophoresis		PURIFICATION  Column  Magnetic purification  Chemical			
SPECIFIC APPLICATIONS  Cloning  Genotyping  Amplification  Quantification  NGS <small>ATCGTAGCCA</small>					INSTRUMENT  Instrument		MATERIALS  Material		



WELCOME TO DULIS



ANY QUESTIONS?

NEED INFORMATION?
VISIT OUR WEBSITE
www.dulis.nl

OR CONTACT US VIA
info@dulis.be

MOLECULAR
BIOLOGY

CUSTOMER SERVICE & PURCHASING

SERVICE, RESPONSIVENESS AND AVAILABILITY
ARE PART OF OUR DAILY PRIORITIES.



Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

TO FOLLOW UP YOUR ORDERS, PRODUCTS AVAILABILITY, DEADLINES, please contact your advisor by email :
orders@dulis.be

Véronique VAN DEN BOSSCHE is ready to help you
with all your questions : **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email veronique.vandenbossche@dulis.be



DNA-ExitusPlus and DNA-ExitusPlus IF - RNase-ExitusPlus



**PanReac
AppliChem**
ITW Reagents

DNA-ExitusPlus

For decontamination in 10 minutes at temperatures of 20°C or above. For the decontamination of surfaces, equipment, plastics and glassware as well as pipettes. Simply apply the product to the surfaces to be decontaminated or dip the containers in the decontaminant. Instructions for use supplied with the product. Based on bio-degradable compounds. Incorporates a coloured indicator to identify the treated surface before wiping (IF version without indicator).

DNA-ExitusPlus

Volume	100 ml	500 ml	1 l	2.5 l
Spray bottle	049918	049920	-	-
€ Excl. VAT	NC -	NC -	-	-
Flask	-	-	049922	049923
€ HT	-	-	NC -	NC -

DNA-ExitusPlus IF

Volume	100 ml	500 ml
Spray bottle	049927	049929
€ Excl. VAT	NC -	NC -

RNase-ExitusPlus

Non-alkaline, non-corrosive, non-carcinogenic, highly active cleaning solution for RNase contamination. Stable for about 18 months and heat resistant. Biodegradable, non-toxic compounds. Mineral acids and alkaline substances that are not harmful to equipment even after long incubation times. A temperature of about 50°C will increase the reaction rate. Store at room temperature.

Volume	500 ml	1 l	2.5 l
Spray bottle	049912	-	-
€ Excl. VAT	NC -	-	-
Flask	-	049914	049915
€ Excl. VAT	-	NC -	NC -



Enter Cat. No. at www.dulis.nl to compare DNA Exitus Plus to other reagents.

RNase Away and DNA Away



Remove all traces of RNase and DNA!

➤ RNase Away

Ready to use, RNase Away solution avoids any risk of RNase contamination. In spray bottle or bottle.

➤ DNA Away

To remove all traces of DNA from PCR workstations, benches and equipment. Ready to use.

RNase Away spray bottle and flask

Description	Spray bottle 475 ml	Bottle 250 ml	Bottle 1 litre	Flask 4 litres
Cat. No.	038184	038185	038186	038187
€ Excl. VAT	NC -	NC -	NC -	NC -

DNA Away bottle

Cat. No.	Description	€ Excl. VAT
038188	250 ml bottle of DNA Away	NC -

Decontaminant DNADecon



➤ **Highly effective decontamination solution for the removal of DNA and RNA contamination from surfaces, instruments and laboratory equipment**

➤ **Ideal for decontamination of PCR workplaces**

➤ **Can also be used for decontamination of electrophoresis chambers, pipettes, reaction tubes, etc.**

➤ **Advantages: ready to use, non-alkaline, non-carcinogenic**

Cat. No.	Description	€ Excl. VAT
215445	250 ml Spray bottle	NC -
215446	500 ml Refill	NC -

Qiocard : Qiocard FTA Kit for collect transport, storage and extraction of nucleic acids

Qiocard FTA is a card impregnated with a patented chemistry: when a biological sample is deposited on the FTA, this chemistry lyses the cells and denatures the proteins, while the nucleic acids are extracted and protected in the paper fibres. The FTA card can be transported at room temperature to the laboratory or can be stored at room temperature for later analysis.

- For various samples: blood, cell cultures, oral cells, plant material, bacteria, plasma
- Storage at room temperature or in the freezer for unstable samples (RNA)
- Available with colour indicator, the deposit area changes colour to facilitate the location of the sample, recommended for colourless samples
- Nucleic acids ready for downstream application in less than 30 minutes
- Prevents the growth of bacteria and fungi
- Protects nucleic acids from environmental degradation
- Reduces the possibility of cross-contamination between samples
- Nucleic acid storage time : 17 years

Qiocard FTA

Cat. No.	Description	Max. sample volume (µl) / circle	Number of circles / unit	Units / carton	€ Excl. VAT / carton
037067	QIAcard FTA Micro	125	1	25	NC -
036370	QIAcard FTA Micro	125	1	100	NC -
WB120355	QIAcard FTA Mini	125	2	25	NC -
036388	QIAcard FTA Mini	125	2	100	NC -
036745	QIAcard FTA Classic	125	4	25	NC -
036387	QIAcard FTA Classic	125	4	100	NC -
036403	QIAcard FTA Gene	75	3	100	NC -

Qiocard FTA with indicator

WB120311	QIAcard FTA Micro with indicator	125	1	25	NC -
036372	QIAcard FTA Micro with indicator	125	1	100	NC -
034987	QIAcard FTA Mini with indicator	125	2	25	NC -
036375	QIAcard FTA Mini with indicator	125	2	100	NC -
036749	QIAcard FTA Classic with indicator	125	4	25	NC -
036360	QIAcard FTA Classic with indicator	125	4	100	NC -

Qiocard FTA CloneSaver

- For purification of plasmid DNA and bacterial DNA
- With colour indicator
- Storage time of plasmid DNA : 4 years

036367	QIAcard FTA CloneSaver	5	96	5	NC -
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Qiocard FTA for plant samples

036778	QIAcard FTA PlantSaver	-	-	100	NC -
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FTA Elute Kit

- FTA kit for collection, transport, storage and extraction of DNA at room temperature
- 12-40 µl per sample collected

036615	QIAcard FTA Elute Micro	40	4	25	NC -
036820	QIAcard FTA Elute Micro	40	4	100	NC -
610003	QIAcard FTA Elute Micro with indicator	40	1	25	NC -
037069	QIAcard FTA Elute Micro with indicator	40	1	100	NC -

Qiocard FTA DMPK

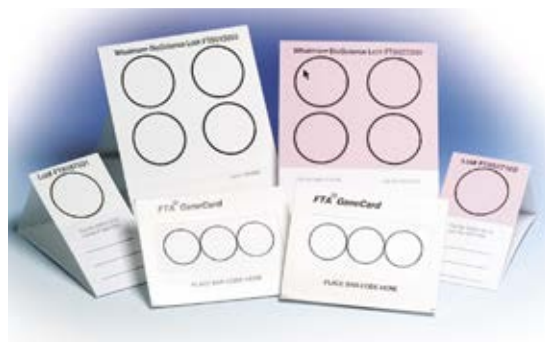
- Blood, plasma, urine or cerebrospinal fluid samples
- FTA DMPK-A and FTA DMPK-B cards lyse cells and denature proteins.
- The FTA DMPK-C card is not impregnated with chemicals and does not denature proteins, suitable for protein-based biomolecules and antibody studies
- Only 10 - 20 µl of sample

037164	QIAcard FTA DMPK-A	10 - 20	3	100	NC -
037195	QIAcard FTA DMPK-B	10 - 20	3	100	NC -
037157	QIAcard FTA DMPK-C	10 - 20	3	100	NC -
610006	Rack pour 20 QIAcards FTA DMPK	-	-	25	NC -

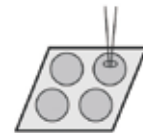
Qiocard Bloodstain

- Non-indicator and non-FTA treated card, for collection, short term handling of samples
- Samples of blood or other body fluids

036401	QIAcard Bloodstain	125	4	100	NC -
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Apply the sample and let it dry



Cutting a disc from the deposit area



Place the disc in a PCR tube and wash 3 times with the purification reagent - discard the reagent after each wash



Wash twice with TE-1 buffer (10 mM Tris, 0.1 mM EDTA, pH 8) and discard the used buffer after each wash



Dry the disc in the PCR tube



Add the PCR mix directly and amplify



FTA purification reagents and accessories

Cat. No.	Description	Units / carton	€ Excl. VAT / carton
WB120112	QIAcard FTA Wash Buffer, 25 ml	1	NC -
036374	QIAcard FTA Wash Buffer, 500 ml	1	NC -
036368	Resealable multi-barrier pouch for CloneSaver 17.8 x 18.7 cm	50	NC -
610004	Transparent multi-barrier pouch 9.5 x 7.6 cm	100	NC -
610005	Multi-barrier pouch 10.1 x 11.4 cm	100	NC -
036398A	Multi-barrier pouch 8 x 7 cm	100	NC -
036376A	Multi-barrier pouch 9 x 15 cm	100	NC -
036399	Desiccant 1g moisture indicator	1000	NC -
WB100032	Swab with foam head for collection of oral samples, sterile	100	NC -
036396A	Swab with brush-like ejector head for taking oral samples, sterile	100	NC -
WB100073	Biopsy punch 1 mm	25	NC -
WB100074	Biopsy punch 1.2 mm	25	NC -
037223	Biopsy punch 2 mm	25	NC -
037227	Biopsy punch 3 mm	25	NC -
037171	Biopsy punch 6 mm	25	NC -
WB100088	Cutting mat 6.3 x 7.6 cm	1	NC -
036394	Cutting mat 15.2 x 20.3 cm	1	NC -
036415	Kit including 4 x 1.2 mm biopsy punches and 2 cutting mats	1	NC -
034988	Kit including 4 biopsy punches 2 mm and 2 cutting mats	1	NC -
036826	Kit including 4 biopsy punches 3 mm and 2 cutting mats	1	NC -
036899	Kit including 4 biopsy punches 6 mm and 2 cutting mats	1	NC -

Card for collection, transport and storage of samples

For various samples: blood, plasma, oral cells, cell cultures, bacteria, urine, tissue lysate, liquid biopsy, purified DNA

Available in two colours:

- white for easily identifiable samples, such as blood
- pink for colourless samples



Cat. No.	Description	Colour	Max. sample volume (µl) / circle	Number of circles / unit	Units / carton	Features	€ Excl. VAT / carton	
175247	GenSaver 2.0	White	5	96	50	Preservation of nucleic acids at room temperature for up to 20 years, eliminates the risk of biological contamination of samples	NC -	
175248					100		NC -	
175249			4	100	NC -			
175250			2	100	NC -			
175251			1	100	NC -			
175252	GenSaver 2.0	Pink	5	96	50	Preservation of nucleic acids at room temperature for up to 20 years, eliminates the risk of biological contamination of samples	NC -	
175253					100		NC -	
175254			4	100	NC -			
175255			2	100	NC -			
175256				1	100	NC -		
175257	GenReleaz 2.0	White	125	4	100	Rapid collection, transport, storage and extraction of DNA at room temperature, storage of nucleic acids at room temperature for up to 20 years	NC -	
175258					2		100	NC -
175259					1		100	NC -
175260	GenReleaz 2.0	Pink	125	4	100	Rapid collection, transport, storage and extraction of DNA at room temperature, storage of nucleic acids at room temperature for up to 20 years	NC -	
175261					2		100	NC -
175262					1		100	NC -
175263	AutoCollect	White	20	4	100	Sample storage for mass spectrometry analysis, for automated sample analysis, 2 years of nucleic acid storage	NC -	
175264	AutoCollect	Pink	10	4	100		NC -	
175265	AutoCollect with barcode	White	20	4	100		NC -	
175266	Biological samples RUO	White	70	5	100	In pure absorbent fibres, for storage and subsequent analysis of proteins or nucleic acids	NC -	
175267	RUO biological samples with perforations				100		NC -	
175268	CE biological samples with perforations				100		NC -	
175269	RUO card without perforations	White	70	5	100	In pure absorbent fibres, for storage and subsequent analysis of proteins or nucleic acids	NC -	
175270	CE card without perforations				100		NC -	
175271	Card with no perforations				100		NC -	

Accessoire

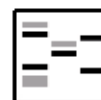
Cat. No.	Description	Units / carton	€ Excl. VAT / carton
175272	Drying rack	10	NC -



Molecular biology grade agarose powder



- > Ultra pure agarose with low background noise
- > Easy to dissolve
- > Can be used in low concentrations (0.75 - 2%)
- > Ideal for the separation of fragments from 250 bp to 25 kb
- > Gel strength : < 1000 g/cm (1 %), > 2000 g/cm (1.5 %)
- > Clarity : < 4 NTU



Cat. No.	Description	€ Excl. VAT
523277	Agarose 100 g	NC -
523278	Agarose 500 g	NC -



Enter the Cat. No. on www.dulis.nl to find the Agarose selection guide



Basic agarose

- > Used for the separation of DNA and RNA fragments at concentrations ranging from 0.8 to 2%

Cat. No.	Description	€ Excl. VAT
348376	Agarose 500 g	NC -

Agarose



Cat. No.	Type	Applications	Flask	€ Excl. VAT
4905008	High.melting temp./medium.resol..	Standard on DNA	25 g	NC -
4905009	High. melting temp./medium. resol..	Standard on DNA	500 g	NC -





Agarose selection guide

Type	EEO	Gel strength (g/cm ²)	Features				Applications	Packaging								
			Gelling temperature	Melting temperature	Fragment size for analytical separation (bp)	50 g		100 g		250 g		500 g		1000 g		
						Cat. No.		€ Excl. VAT	Cat. No.	€ Excl. VAT	Cat. No.	€ Excl. VAT	Cat. No.	€ Excl. VAT	Cat. No.	€ Excl. VAT
D1 Low EEO	0.05 - 0.13	≥ 1200 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	High quality, low electroendosmosis agarose for nucleic acid electrophoresis	-	-	777001	NC -	777002	NC -	777003	NC -	777004	NC -
D1 Medium EEO	0.16 - 0.19	≥ 1000 (1 %)				Medium electroendosmosis agarose for counter current electrophoresis, antibodies, serum and immunoelectrophoresis	778603	NC -	777008	NC -	777009	NC -	777010	NC -	777011	NC -
D1 High EEO	0.23 - 0.26	≥ 750 (1 %)				High electroendosmosis agarose for protein separation and countercurrent electrophoresis	778606	NC -	777012	NC -	777013	NC -	777014	NC -	777015	NC -
D1 LE GQT	0.05 - 0.13	≥ 1200 (1 %)				Genetic engineering grade agarose tested for in-gel applications	778604	NC -	777005	NC -	777006	NC -	777007	NC -	778508	NC -
D2	≤ 0.14	≥ 900 (1 %)	42 ± 1.5 °C (1.5 %)	87 ± 1.5 °C (1.5 %)	≥ 1000	Agarose with high thermal stability and high melting temperature for derivatisation, cross-linking or coupling of enzymes, antigens or other substances to the gel structure	778607	NC -	777016	NC -	777017	NC -	777018	NC -	778509	NC -
D5	≤ 0.12	≥ 1800 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	High gel strength agarose for blotting, pulsed field electrophoresis	778602	NC -	777019	NC -	777020	NC -	777021	NC -	778510	NC -
FP DNA	≤ 0.13	≥ 1400 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	Agarose for applications requiring the best batch-to-batch reproducibility in terms of quality and performance, ideal for forensics and quality control	778601	NC -	777022	NC -	777023	NC -	777024	NC -	778515	NC -
E	NC	≥ 1000 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	250-23 kb	Standard agarose for routine electrophoresis	778565	NC -	778566	NC -	778519	NC -	778567	NC -	777531	NC -
LM	≤ 0.12	≥ 500 (1.5 %)	≤ 24-28 °C (1.5 %)	≤ 65 °C (1.5 %)	≥ 1000	Agarose for high resolution electrophoresis, very low melting and gelling temperature, fragment up to 1000 bp	777025	NC -	777026	NC -	777027	NC -	777028	NC -	778511	NC -
LM GQT	≤ 0.12	≥ 500 (1.5 %)	≤ 24-28 °C (1.5 %)	≤ 65 °C (1.5 %)	≥ 1000	Agarose qualified for in-gel applications (genetic quality), very low melting and gelling temperature, fragments up to 1000 bp	777029	NC -	777030	NC -	777031	NC -	778600	NC -	778516	NC -
LM SIEVE	≤ 0.10	≥ 1000 (4 %)	≤ 35 °C (4 %)	≤ 65 °C (4 %)	≥ 1000	Agarose for high resolution electrophoresis, very low melting and gelling temperature, fragments up to 1000 bp, tested for in-gel applications	777032	NC -	777033	NC -	777034	NC -	777035	NC -	778517	NC -
NOVAGEL GQT	≤ 0.13	≥ 800 (4 %)	≤ 35 °C (4 %)	≤ 65 °C (4 %)	50-1000	Agarose qualified for in-gel applications (genetic engineering grade), very low melting and gelling temperature, fragments from 50 to 1000 bp	777036	NC -	777037	NC -	777038	NC -	777039	NC -	778518	NC -
MS4	≤ 0.12	≥ 500 (3 %)	≤ 31 °C (3 %)	≤ 76 °C (3 %)	150-500	Agarose for high resolution electrophoresis, for the separation of very small nucleic acid fragments (primers) and up to 500 bp	777046	NC -	777047	NC -	777048	NC -	777049	NC -	778514	NC -
MS6	≤ 0.12	≥ 800 (3 %)	≤ 35 °C (3 %)	≤ 75 °C (3 %)	≤ 1000	Agarose for high resolution electrophoresis, small DNA fragments and PCR products	777050	NC -	777051	NC -	777052	NC -	777053	NC -	778507	NC -
MS8	≤ 0.12	≥ 600 (1.5 %)	≤ 35 °C (3 %)	≤ 80 °C (3 %)	≤ 1000	Agarose for high resolution electrophoresis, fragments up to 1000 bp	777054	NC -	777055	NC -	777056	NC -	777057	NC -	778512	NC -
MS12	≤ 0.12	≥ 2000 (1.5 %)	≤ 40.5 °C (4 %)	≤ 93 °C (4 %)	50-1500	Agarose for high resolution electrophoresis, fragments up to 1500 bp	777058	NC -	777059	NC -	777060	NC -	777061	NC -	778513	NC -

Agarose

Agarose tablets



- Low electroendosmosis (EEO) agarose for rapid DNA or RNA separations
- Suitable for gels from 0.75% to 2% and fragment separations from 250 bp to 23 kb
- Initial dissolution of the pellet for 2 min at room temperature
- Provides time savings and reproducibility for the production of gels

Cat. No.	Description	Units/ carton	€ Excl. VAT/ carton
523275B	Agarose tablet	100	NC -



Agarose tablets with or without TAE/TBE buffer and Midori Green Advance



- Tablet sufficient for 50 ml of 1% agarose gel, with or without TAE/TBE buffer, pre-stained with Midori Green Advance
- Tablet to be dissolved in ultrapure water before microwave heating
- All-in-one solution, time saving and reproducibility in gel preparation
- Midori Green Advance is a non-carcinogenic alternative to ethidium bromide for nucleic acid labelling
- Storage at room temperature

Cat. No.	Description	€ Excl. VAT
523393	75 agarose tablets, TBE and Midori Green Advance	NC -
523406	75 agarose tablets, TAE and Midori Green Advance	NC -
523407	100 agarose tablets and Midori Green Advance	NC -



Agarose tablets, TAE or TBE buffer and clear G

- For routine DNA and RNA electrophoresis, blotting compatible gels
- Tablet sufficient for 50 ml of 1% agarose gel in TAE or TBE buffer, pre-stained with Clear G
- Tablet to be dissolved in ultrapure water before microwave heating
- All-in-one solution, time saving and reproducibility in gel preparation
- Storage at room temperature

Clear G is a non-carcinogenic alternative to ethidium bromide for nucleic acid labelling (UV or blue light excitation).

Cat. No.	Description	€ Excl. VAT
215413	Agarose tablets, TAE buffer and Clear G - box of 75	NC -
215414	Agarose tablets, TBE buffer and Clear G - box of 75	NC -

Agarose in flasks

- Agarose in flasks ready to use: mix the flask, heat in the microwave for 1 min. on maximum power, shake gently, microwave again for 30 sec. Repeat until the agarose is completely dissolved.
- Agarose already contains a DNA fluorescence dye: Pronosafe (a non-carcinogenic alternative to ethidium bromide). Excitation wavelength 309, 419 or 514 nm and emission at 537 nm.

Applications Type	Fragments Separation ≥ 1000 bp	Fragments Separation ≤ 1000 bp	Preparative electrophoresis	High resolution electrophoresis	Protein electrophoresis
D1	•				
LM Sieve		•			•
MS		•	•	•	



Pre-cast gels

EMBITEC pre-cast gels

- ▶ Precast gel system 1% agarose with TAE, GelGreen-stained (non-mutagenic and non-cytotoxic BET alternative)
- ▶ Separation of fragments from 600 to 10 000 pb
- ▶ Gel thickness of 6 mm



- ▶ Can be used with the RunOne tank
- ▶ The GelGreen allows for a revealing LED system as well as a simplified waste treatment procedure (disposal with biological waste)

Gel size (cm)	Landscape 11.7 x 5.6 cm	Medium 11.7 x 8.9 cm	Landscape 11.7 x 5.6 cm	Portrait 6.5 x 9.5 cm	Portrait 6.5 x 9.5 cm
Well format	12 + 1	5 + 2	24 + 1	10	5 + 1
Well thickness	1 mm	1.5 mm	1 mm	1 mm	1.5 mm
Volume per well	30 µl	3 x 75 µl / 2 x 112 µl	11 µl	15 µl	70 µl
Multi-channel compatibility	12-channel format	No	12-channel format	No	No
Packaging	10 gels/box	5 gels/box	10 gels/box	10 gels/box	10 gels/box
Cat. No.	039090	039091	039092	039093	039094
€ Excl. VAT	NC -	NC -	NC -	NC -	NC -

Buffer for protein electrophoresis and blotting

ClearLine

Powder buffer ClearLine® for nucleic acid electrophoresis



Fast and easy to use

- ▶ 1 bag makes 1 litre of 1X buffer
- ▶ No pH adjustment required
- ▶ Fast running buffer for high voltage electrophoresis (300 - 350 V); allows rapid separation of fragments of less than 5 kb (a conventional 30 min cycle can be completed in only 10 min)

Cat. No.	Description	Composition	pH	Units/carton	€ Excl. VAT/carton
257081	TAE buffer (Tris-Acetate-EDTA)	40 mM Tris, 20 mM acetic acid, 1 mM EDTA	8.2 - 8.4	100	NC -
257082	TBE Buffer (Tris-borate-EDTA)	89 mM Tris, 89 mM boric acid, 2 mM EDTA	8.2 - 8.5	50	NC -
257083	Fast running buffer	-	8.1-8.5	100	NC -

Nucleic acid electrophoresis buffer

Solution electrophoresis buffers

Cat. No.	Description	€ Excl. VAT
348604	TAE 10X, BM grade, 1 l	NC -
348605	TAE 50X, BM grade, 1 l	NC -
091582	TBE 10X, BM grade, 500 ml	NC -
348613	TBE 10X, BM grade, 1 l	NC -

Solution Preservation buffers

Cat. No.	Description	€ Excl. VAT
348619	TE 1X pH 8.0, BM grade, 500 ml	NC -
091576B	TE 1X pH 8.0, BM grade, 1 l	NC -
348618	TE 1X pH 8.0 low EDTA, BM grade, 500 ml	NC -
348617	TE 1X pH 8.0 low EDTA, BM grade, 1 l	NC -

Hybridization buffer

Cat. No.	Description	€ Excl. VAT
091568B	SSC 20X, BM grade, 1 l	NC -

Washing pad

Cat. No.	Description	€ Excl. VAT
702678	TBS 10X pH 7.4, BM grade, 6 x 1 l	NC -

Freeze-dried buffer

Cat. No.	Description	€ Excl. VAT
4905001	TBE 10X for 10 l preparation	NC -
4905005	SSC 10X for 10 l preparation	NC -

MOLECULAR BIOLOGY

BUFFER / ACCESSORIES

Buffers

Concentrated TAE buffers

Cat. No.	Description	Packaging	€ Excl. VAT
348605	TAE 50 x BM	1 l	NC -

TAE (Tris-Acetate-EDTA) buffer is used in agarose gel electrophoresis for applications requiring high resolution and low voltage, high molecular weight separation of double-stranded DNA. The solutions are aseptically microfiltered.

Concentrated TAE buffers for electrophoresis gels



Cat. No.	Description	Vol. (ml)	€ Excl. VAT
523252	Tris acetate-EDTA 50X	500	NC -

Ready to use. Calibrated to provide clean strips.

Concentrated TBE buffers

Concentrated TBE buffer x 10
For molecular biology. Electrophoresis buffer.

Cat. No.	Description	Packaging	€ Excl. VAT
523253	TBE 10 x BM	500 ml	NC -
348613	TBE 10 x BM	1 l	NC -

TBE Buffers



Cat.No.	Description	Vol. (ml)	€ Excl. VAT
523253	Tris borate-EDTA 10X	500	NC -

Buffer powder sachet

For maximum space saving. Dissolve in pure water to obtain the final concentration indicated.



Cat. No.	Buffer (power)	Final quantity	Composition	€ Excl. VAT per sachet
4905001	TBE 10 x	One sachet for 10 litres concentration 1 x	1 x content : 89 mM Tris, 89 mM borate, 1 mM EDTA, pH 8,2 - 8,4	NC -
4905005	SSC 10 x	One sachet for 10 litres concentration 1 x	1 x content: 150 mM NaCl, 15 mM sodium citrate, pH 7,8 - 8,1	NC -

Boric acid

Cat. No.	Description	Packaging	€ Excl. VAT
091516	Boric acid BM	1 kg	NC -

TRIS

Cat. No.	Description	Packaging	€ Excl. VAT
091572B	TRIS BM	1 kg	NC -

Ethylenediaminetetraacetic acid

Cat. No.	Description	Packaging	€ Excl. VAT
348307	Ethylenediaminetetraacetic acid disodium salt 0.05 M	1000 ml	NC -

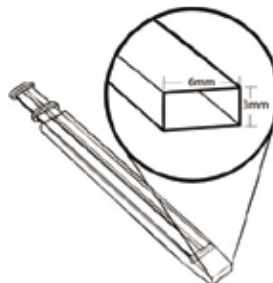
Accessories

Agarose gel strip cutter



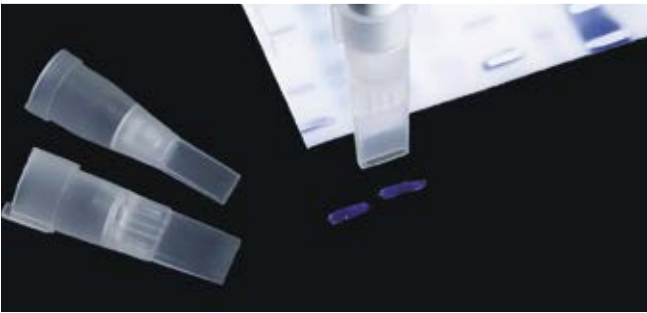
- Excision of clean, reproducible gel strips of 6 x 3 mm
- Single use to avoid contamination
- Does not scratch the surface of UV tables

Cat. No.	Description	Number of reactions	€ Excl. VAT
523337	Agarose gel strip cutter	50	NC -



Accessories

Suction tips for electrophoresis gel strips



- ▶ No need for a scalpel, one-handed operation
- ▶ Autoclavable
- ▶ Press the button to lower the gel and the tip
- ▶ Avoid cross-contamination
- ▶ Compatible with all 1000 µl pipettes (Eppendorf, Gilson)

DNase
RNase

Cat. No.	Dimensions (mm)	Units/bag	€ Excl. VAT/bag
999068	4 x 1	250	NC -
999070	6,5 x 1	250	NC -

Scalpel for agarose gels



- ▶ To select and section DNA or RNA strips on agarose gels
- ▶ In single-use polystyrene
- ▶ Prevents damage to transilluminator displays
- ▶ L x W : 154 x 13 mm
- ▶ Packaged in bags of 10

Cat. No.	Description	€ Excl. VAT 10 units
o86667B	Scalpel for agarose gels	NC -



Membranes and blotting papers for nucleic acids

Whatman™ blotting papers

Specifications

Model	Thickness	Surface	Absorption	Applications
3MMCHR	Thickness 0,34 mm	Smooth	Medium	Blotting and chromatography paper
GB003	Thick 0,8 mm	Smooth	Medium	Gel holder
GB005	Extra thick 1,2 mm	Smooth	Strong	Extra blotting semi dry

3MM CHR Paper

Excellent resistance in humid environments? optimised thickness and very good absorbency make Whatman 3MM Chr the paper of choice for all blotting applications.

3MM Chr: a 0.34 mm thick paper widely used in chromatography and electrophoresis. The absorption rate is 130 mm / 30 min.

Cat. No.	Dimensions	Units/carton	€ Excl. VAT/carton
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Rolls (mm x m)

036081	20 x 100	1 roll	NC -
036082	100 x 100	1 roll	NC -
036083	150 x 100	1 roll	NC -
036084	190 x 100	1 roll	NC -
036085	230 x 100	1 roll	NC -
036086	270 x 100	1 roll	NC -

Sheets (mm x mm)

036562	150 x 200	100	NC -
036344	200 x 200	100	NC -
036088	315 x 355	100	NC -
036347	460 x 570	100	NC -
036090	580 x 680	100	NC -

Blotting paper GB003

General purpose paper with very high absorption.

Cat. No.	Opirtran model	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
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034870	GB 003	70 x 100	Blotting paper, smooth, 0,8 mm	100	NC -
034869	GB 003	110 x 140	Blotting paper, smooth, 0,8 mm	100	NC -
034826	GB 003	300 x 600	Blotting paper, smooth, 0,8 mm	25	NC -
034827	GB 003	580 x 600	Blotting paper, smooth, 0,8 mm	50	NC -
034825	GB 003	100 x 100	Blotting paper, smooth, 0,8 mm	50	NC -
034848	GB 003	150 x 150	Blotting paper, smooth, 0,8 mm	100	NC -
034849	GB 003	150 x 200	Blotting paper, smooth, 0,8 mm	100	NC -
034850	GB 003	160 x 180	Blotting paper, smooth, 0,8 mm	100	NC -
034851	GB 003	200 x 200	Blotting paper, smooth, 0,8 mm	100	NC -
034867B	GB 003	200 x 250	Blotting paper, rough, 1,0 mm	100	NC -
034855	GB 003	460 x 570	Blotting paper, smooth, 0,8 mm	100	NC -



Blotting paper GB005

► Used to limit the risk of trapping air bubbles

► Recommended for semi-dry protein blotting

Cat. No.	Opirtran model	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
034829	GB 005	200 x 200	Blotting paper, smooth, 1,5 mm	25	NC -
034830	GB 005	580 x 580	Blotting paper, smooth, 1,5 mm	25	NC -
034828	GB 005	150 x 150	Blotting paper, smooth, 1,5 mm	25	NC -

Other papers

Type	Description	Flow rate	Format (cm)	Cat. No.	Units/carton	€ Excl. VAT/carton
1 Chr	Standard paper, high flow (Ep : 0.18 mm)	130 mm / 30 min	46 x 57	036340	100	NC -
			25 x 25	036341	100	NC -
			20 x 20	036342	100	NC -
3 Chr	Thick paper, ideal for electrophoresis (Ep : 0.6 mm)	130 mm / 30 min	46 x 57	036343	100	NC -
17 Chr	Very thick paper. Area smooth (Ep : 0.2 mm)	190 mm / 30 min	46 x 57	036348	25	NC -
4 Chr	High flow rate paper. (Ep : 0.21 mm)	180 mm / 30 min	46 x 57	036349	100	NC -

Nytran N nylon blotting membranes

- Moderately loaded nylon membranes
- Membrane designed for Southern and Northern blots techniques, as well as colonies, and Dot/slots blots
- Fixing capacity (> 400 µg/cm²)
- This membrane is ideal for isotopic and non-isotopic detection techniques
- Uniform membrane (pore distribution and size)
- Two thresholds available: 0.2 µm or 0.45 µm for optimal retention of larger oligos and DNA fragments

Cat. No.	Nytran model	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
034763	N 0,2 µm	200 x 3 m	Rolls	1	NC -
034764	N 0,2 µm	300 x 3 m	Rolls	1	NC -



Cat. No.	Nytran model	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
034775	N 0,45 µm	200 x 3 m	Rolls	1	NC -
034776	N 0,45 µm	300 x 3 m	Rolls	1	NC -

Membranes and blotting papers for nucleic acids

Nytran Super Charge (SPC) Nylon Transfer Membrane

- > Very high positive charge, low background noise
- > Higher nylon density than with other membranes increases sample fixation capacity
- > Excellent symmetry: always remains flat
- > Nytran Super Charge membrane binds nine times more molecules than a conventional nylon membrane
- > Consistent membrane morphology: good uniformity of nylon distribution and therefore of loads

Cat.No.	Nytran SuperCharge	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
034779	0,45 µm	110 x 140	Sheets	10	NC -
034798	0,45 µm	200 x 3 m	Rolls	1	NC -
034799	0,45 µm	300 x 3 m	Rolls	1	NC -



Amersham™ HYBOND blotting membranes



- > **Hybond-N**
 - > Resistant
 - > For nucleic acid blotting
 - > Fixing capacity 600 µg/cm²
 - > For radioactive applications
 - > UV light fixing
- > **Hybond-N+**
 - > For nucleic acid blotting
 - > Fixing capacity 600 µg/cm²
 - > For detection by radioactivity, chemiluminescence, chemifluorescence
- > **Hybond-NX**
 - > For nucleic acid blotting
 - > Fixing capacity 600 µg/cm²
 - > Developed specifically for use with low volumes of hybridization buffer and high flow applications
 - > Generates little background noise
- > **Hybond-XL**
 - > For nucleic acid blotting
 - > Fixing capacity 600 µg/cm²
 - > Effective fixation of small fragments
 - > Loaded nylon for optimised signal-to-noise ratio when working with radioactively labelled samples

Cat. No.	Dimensions	Pore size	Membrane material	€ Excl. VAT the roll
Hybond-N in neutral nylon				
RPN303N	30 cm x 3 m	0,45 µm	Nylon	NC -
RPN203N	20 cm x 3 m	0,45 µm	Nylon	NC -
Hybond-N + in positively charged nylon, versatile				
RPN303B	30 cm x 3 m	0,45 µm	Positively charged nylon	NC -
RPN203B	20 cm x 3 m	0,45 µm	Positively charged nylon	NC -
Hybond-NX in neutral nylon, for more demanding applications				
RPN303T	30 cm x 3 m	0,45 µm	Nylon	NC -
RPN203T	20 cm x 3 m	0,45 µm	Nylon	NC -
Hybond-XL in nylon optimised for radio-labelled probes				
RPN303S	30 cm x 3 m	0,45 µm	Positively charged nylon	NC -
RPN203S	20 cm x 3 m	0,45 µm	Positively charged nylon	NC -

Other sizes available: please contact us.



Membrane and blotting paper for proteins

Amersham Protran nitrocellulose transfer membranes

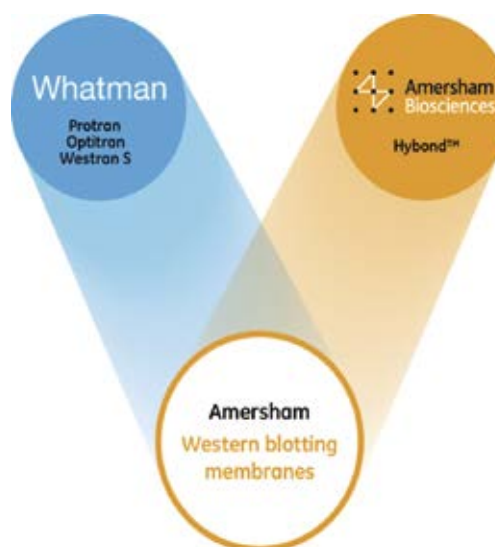


Whatman and Amersham membranes merge into the Amersham optimised range.

- ▶ The Amersham Hybond P membrane is available in a 0.2 µm pore size
- ▶ "Sandwich" membranes, ready to use
- ▶ Membrane sizes have been revised to meet the needs of users

Older range	New range	Use
"Whatman Protran Amersham Hybond C"	Amersham Protran	Chemiluminescence
"Whatman Optitran Amersham Hybond C extra"	Protran Supported	Hybridization and reprobing
"Amersham Hybond ECL Amersham Hybond C super"	Amersham Protran Premium	Chemiluminescence and fluorescence

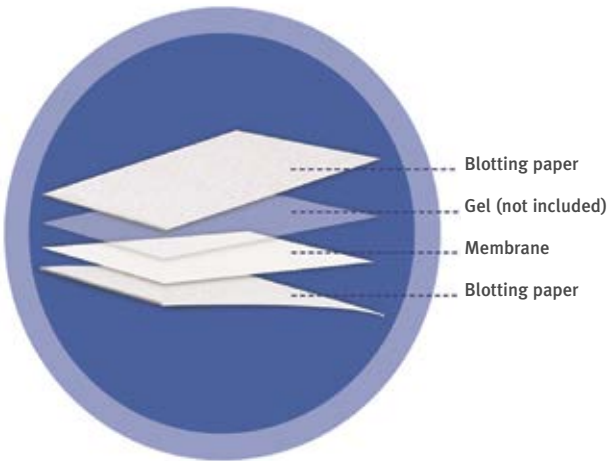
Pore size	Packaging		Amersham Protran		Protran Supported		Amersham Protran Premium	
	Size (mm)	Units/carton	Cat. No.	€ Excl. VAT/carton	Cat. No.	€ Excl. VAT/carton	Cat. No.	€ Excl. VAT/carton
0,1 µm	100 x 100	10	10600077	NC -				
		25	10600076	NC -				
	102 x 133	10	10600126	NC -				
	140 x 160	25	10600064	NC -				
	200 x 200	10	10600046	NC -				
		25	10600045	NC -				
	150 x 4 m	Roll	10600010	NC -				
	200 x 4 m	Roll	10600005	NC -				
300 x 4 m	Roll	10600000	NC -					
0,2 µm	80 x 90	25	10600094	NC -	-	-	-	-
	100 x 100	10			10600085	NC -	10600081	NC -
		25			10600084	NC -	10600080	NC -
	102 x 133	10	10600125	NC -	10600128	NC -		
	140 x 160	25	10600063	NC -	10600068	NC -	10600066	NC -
	200 x 200	10	10600044	NC -	10600054	NC -	10600050	NC -
		25	10600043	NC -	10600053	NC -	10600049	NC -
	300 x 600	5	10600032	NC -	10600037	NC -	10600035	NC -
	150 x 4 m	Roll	10600011	NC -	10600019	NC -	10600014	NC -
	200 x 4 m	Roll	10600006	NC -	10600017	NC -	10600009	NC -
	300 x 4m	Roll	10600001	NC -	10600015	NC -	10600004	NC -
	0,45 µm	80 x 90	25	10600093	NC -	10600098	NC -	10600096
100 x 100		10	10600073	NC -	10600083	NC -	10600079	NC -
		25	10600072	NC -	10600082	NC -	10600078	NC -
102 x 133		10	10600124	NC -	10600127	NC -		
140 x 160		25	10600062	NC -	10600067	NC -	10600065	NC -
200 x 200		10	10600042	NC -	-	-	10600048	NC -
		25	10600041	NC -	10600051	NC -	10600047	NC -
300 x 600		5	10600033	NC -	10600036	NC -	10600034	NC -
150 x 4 m		Roll	10600012	NC -	10600020	NC -	10600013	NC -
200 x 4 m		Roll	10600007	NC -	10600018	NC -	10600008	NC -
300 x 4 m	Roll	10600002	NC -	10600016	NC -	10600003	NC -	
Sandwich 0.1 µm	80 x 90	10	10600116	NC -				
	140 x 160	10	10600105	NC -				
Sandwich 0.2 µm	80 x 90	10	10600115	NC -	10600120	NC -	10600118	NC -
	140 x 160	10	10600104	NC -	10600109	NC -	10600107	NC -
Sandwich 0.45 µm	80 x 90	10	10600114	NC -	10600119	NC -	10600117	NC -
	140 x 160	10	10600103	NC -	10600108	NC -	-	-



MOLECULAR BIOLOGY

Membrane and blotting paper for proteins

Amersham Hybond PVDF transfer membranes



- Ready-to-use solution for blotting applications
- Contains two sheets of 3MM CHR paper of appropriate size for each membrane sheet
- The membrane is to be placed on the anode side of the gel
- The 3MM CHR paper sheets cover each side of the entire
- The gel is ready for transfer

Older range	New range	Use
"Amersham Hybond P Whatman Westran CS"	Amersham Hybond P	Chemiluminescence, compatible with fast bleaching solvents
Whatman Westran S	Amersham Hybond SEQ	Sequencing and solid phase analysis
Amersham Hybond LFP	Amersham Hybond LFP	Fluorescence (low membrane autofluorescence)

Pore size	Packaging		Amersham Hybond P		Amersham Hybond SEQ		Amersham Hybond LFP	
	Size (mm)	Units/carton	Cat. No.	€ Excl. VAT/carton	Cat. No.	€ Excl. VAT/carton	Cat. No.	€ Excl. VAT/carton
0,2 µm	80 x 90	25	10600101	NC -	-	-	10600102	NC -
	100 x 100	10	10600089	NC -	-	-	-	-
	200 x 200	10	10600058	NC -	-	-	10600060	NC -
		25	10600057	NC -	-	-	-	-
	260 x 600	5	10600039	NC -	10600030	NC -	10600040	NC -
260 x 4 m	Roll	10600021	NC -	-	-	10600022	NC -	
0,45 µm	80 x 90	25	10600100	NC -	-	-	-	-
	100 x 100	10	10600087	NC -	-	-	-	-
		25	10600086	NC -	-	-	-	-
	140 x 160	25	10600069	NC -	-	-	-	-
	300 x 600	5	10600038	NC -	-	-	-	-
	150 x 4 m	Roll	10600029	NC -	-	-	-	-
300 x 4 m	Roll	10600023	NC -	-	-	-	-	
Sandwich 0.2 µm	80 x 90	10	10600122	NC -	-	-	10600123	NC -
Sandwich 0.45 µm	80 x 90	10	10600121	NC -	-	-	-	-
	140 x 160	10	10600110	NC -	-	-	-	-

Protran NC nitrocellulose transfer membrane

- 100% pure nitrocellulose membrane 0.1 µm for < 7 kD molecules
- High fixation, low background noise
- High retention of small proteins:
 - the 0.2 µm membrane retains samples smaller than 20 KD
 - the 0.45 µm membrane is designed for molecules larger than 20 KD

- Excellent protein stability on Protran (> 5 years)
- No pre-wetting with methanol: before transfer, a simple wetting with water is sufficient
- Excellent stability of the membrane: allows many manipulations



Cat.No.	Protran NC model	Dim. (mm)	Type	Units/carton	€ Excl. VAT/carton
034714	BA 83 0,2 µm	82	Discs	50	NC -
034735	BA 85 0,45 µm	25	Discs	100	NC -
034738	BA 85 0,45 µm	25	Discs	1000	NC -
034701	BA 85 0,45 µm	132	Discs	25	NC -
034736	BA 85 0,45 µm	132	Discs	50	NC -
034737	BA 85 0,45 µm	137	Discs	50	NC -

Membrane and blotting paper for proteins

Immobilon™ Transfer membranes

Immobilon-P (PVDF) transfer membranes

Made of polyvinylidene fluoride (PVDF) hydrophobic, optimised for binding proteins transferred from different types of gels.

- Ideal substrate for immunodetection
- Using the rapid protocol developed by Merck Millipore, time savings of 2 hours: elimination of the blocking step in a western blot, reduction of the number and duration of washes, without compromising specificity or sensitivity

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
044081	IPVH07850	0,45	Sheets	70 x 84	50	NC -
044082	IPVH304Fo	0,45	Sheets	260 x 260	10	NC -
044083	IPVH09120	0,45	Sheets	90 x 120	10	NC -
044084	IPVH10100	0,45	Sheets	100 x 100	10	NC -
044085	IPVH20200	0,45	Sheets	200 x 200	10	NC -
044086	IPVH15150	0,45	Sheets	150 x 150	10	NC -
044087	IPVH00010	0,45	Roll	265 x 3750	1	NC -

Immobilon-PSQ (PVDF) transfer membranes

Made of polyvinylidene fluoride (PVDF) for the transfer of low molecular weight proteins.

Immobilon-PSQ membranes: for blotting of < 20 kD proteins

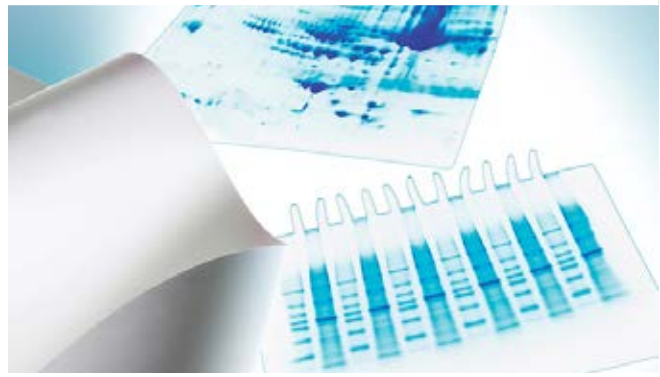
- High yields in protein sequencing
- No surfactant

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
044088	ISEQ00010	0,2	Roll	265 x 3750	1	NC -
044089	ISEQ15150	0,2	Sheets	150 x 150	10	NC -
044090	ISEQ101000	0,2	Sheets	100 x 100	10	NC -
044091	ISEQ20200	0,2	Sheets	200 x 200	10	NC -
044092	ISEQ26260	0,2	Sheets	260 x 260	10	NC -

Immobilon-E (PVDF) transfer membranes

- Do not require a methanol membrane activation step
- Better protein retention and durability than nitrocellulose membranes
- Can be moistened directly with transfer buffer
- Compatible detection methods: chemiluminescence, chromogenic and radioactivity
- Compatible with Coomassie Blue, Ponceau-S Red, Sypro Ruby and colloidal gold dyes
- Membranes Cat. No. 044435 and 044436 are supplied with blotting paper sheets

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
044430	IEVH00005	0.45	Roll	265 x 1875	1	NC -
044431	IEVH07850	0.45	Sheets	70 x 84	50	NC -
044432	IEVH08100	0.45	Sheets	80 x 100	10	NC -
044433	IEVH09120	0.45	Sheets	90 x 120	10	NC -
044434	IEVH10100	0.45	Sheets	100 x 100	10	NC -
044435	IESN07852	0.45	Sheets	70 x 84	20	NC -
044436	IESN08132	0.45	Sheets	85 x 135	20	NC -
044437	IEVH07804	0.45	Sheets	70 x 84	4	NC -



Immobilon™-Ny+ transfer membranes

MERCK

For greater sensitivity during re-hybridisation.

Immobilon-Ny+ membranes optimised for reliable and reproducible transfer, immobilisation, hybridisation and rehybridisation.

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
044067	INYC00010	0,45	Roll	300 x 3300	1	NC -

Immobilon-FL (PVDF) transfer membranes

Optimised for applications with fluorescence detection

- Same fixation characteristics as Immobilon-P (PVDF, 0.45 µm)
- Very low background noise in fluorescence detection in western blotting
- Compatible with the most commonly used fluorescence reagents
- Compatible with non-fluorescent detection reagents

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
051587	IPFL10100	0,45	Sheets	100 x 100	10	NC -
051588	IPFL20200	0,45	Sheets	200 x 200	10	NC -
051589	IPFL00010	0,45	Roll	265 x 3750	1	NC -

Immobilon Sandwiches (PVDF) Transfer Membranes

- Pre-cut
- Supplied with buffer, separators and absorbent sheets
- Compatible with pre-cast gels

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
051590	IPSN07852	0,45	Sheets	70 x 84	20	NC -
051591	IPSN08132	0,45	Sheets	85 x 135	20	NC -

Immobilon-NC transfer membranes (cellulose esters)

Immobilon-NC HAHY membranes made of cellulose esters with surfactants, which improves their wettability and facilitates their handling during the transfer process.

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presentation	Dim. (mm)	Units/carton	€ Excl. VAT/carton
044055	HATC00010	0,45	Roll	330 x 3000	1	NC -

Detection and blocking



Amersham Hyperfilm™ ECL and MP



For chemiluminescent signal detection of nucleic acid and protein blots.

Hyperfilm™ ECL

- ▶ Rapid detection of chemiluminescent signals from nucleic acid and protein blots
- ▶ Clear base with high contrast for easy reading of images
- ▶ Sensitive to blue and green light chemiluminescence systems
- ▶ Ideal for use with ECL, ECL Plus, CDP-Star and other chemiluminescent systems

Hyperfilm™ MP

- ▶ Multi-purpose film for fast detection of ¹⁴C, ³⁵S, ³³P, ³²P, ¹²⁵I
- ▶ Clear base with high contrast for easy reading of images
- ▶ High resolution results
- ▶ Dedicated to direct and indirect autoradiography use

Sheets size	Hyperfilm™ ECL			Hyperfilm™ MP		
	Cat. No.	Sheets/ carton	€ Excl. VAT/ carton	Cat. No.	Sheets/ carton	€ Excl. VAT/ carton
18 x 24 cm	28-9068-36	50	NC -	28-9068-43	50	NC -
18 x 24 cm	28-9068-37	100	NC -	28-9068-44	100	NC -
8 x 10 inches	28-9068-38	50	NC -	28-9068-45	50	NC -
8 x 10 inches	28-9068-39	100	NC -	28-9068-46	100	NC -
5 x 7 inches	28-9068-35	50	NC -	28-9068-42	50	NC -



Immobilon Western LUMINOL chemiluminescence HRP substrates



- ▶ Highly sensitive substrate
- ▶ Wide range of sensitivities, possibility to reduce the amount of antibody used
- ▶ Signal duration over 2 hours
- ▶ Stable working solution for 10 days



Signal duration	> 2 hours
Primary detection method	X-ray or imaging system
Typical antibody dilution	Primary : 1 : 1 000 - 1 : 20 000 Secondary : 1 : 20 000 - 1 : 200 000
Stability	≥ 9 months from receipt (HRP: working solution: 10 days at 2 - 8 °C)
Recommended initial exposure time	30 seconds (on film)
Membrane compatibility	PVDF, nitrocellulose or all commonly used buffers and blocking reagents commonly used
Storage	2 to 8 °C

Cat. No..	Reagents (volumes)	Covered membrane area (cm²)	€ Excl. VAT
051729	Luminol (25 ml) + peroxide solution (25 ml)	500	NC -
051730	Luminol (50 ml) + peroxide solution (50 ml)	1000	NC -
051731	Luminol (250 ml) + peroxide solution (250 ml)	5000	NC -



HRP Luminata™ Substrates



- ▶ Premixed chemiluminescence reagents for HRP detection in western blotting
- ▶ No risk of pipetting errors, no storage problems, ready to use
- ▶ Cover a wide range of sensitivities while being stable at room temperature or 4 °C

Cat. No.	Type	Volume (mL)	Detection range	Signal duration	€ Excl. VAT
053725	Luminata™ Classico Western	100	6 pg	1 hour	NC -
053726	Luminata™ Classico Western	500	6 pg	1 hour	NC -
053727	Luminata™ Crescendo Western	100	1 - 3 pg	3 hours	NC -
053728	Luminata™ Crescendo Western	500	1 - 3 pg	3 hours	NC -
053729	Luminata™ Forte Western	100	400 fg	3 hours	NC -
053730	Luminata™ Forte Western	500	400 fg	3 hours	NC -



Detection and blocking

Luminata Elisa HRP

- HRP reagent for chemoluminescent detection in ELISA format
- Requires a suitable plate reader
- High sensitivity to detect up to 0.1 pg of protein
- Wide dynamic range allowing a large number of detection thresholds
- Flexible use, with two types of substrates, Luminata crescendo and Forte



Cat. No.	Description	€ Excl. VAT
053777	Luminata Forte Elisa HRP Substrate 100 ml	NC -
053778	Luminata Crescendo Elisa HRP Substrate 100 ml	NC -
053779	Luminata Crescendo Elisa HRP Substrate 200 ml	NC -

Protein labelling and detection

	Amersham ECL™	Amersham ECL Start™	Amersham ECL Prime™	Amersham ECL Select™	Amersham ECL Plex™
Kit features	Routine Western blotting	Confirmatory Western blotting for high to moderate sensitivity proteins	Quantitative and confirmatory analysis High to low sensitivity proteins	Quantitative and confirmatory analysis Medium to very low protein sensitivity	Quantitative analysis
Sensitivity (model system)	~10 pg	N/C	~1 pg	~5 ng	~1.2 pg
Primary antibody (model system)	1 :100-1 :5,000	1:500 - 1:3000	1:1,000 - 1:50,000	1:5,000 - 1:30,000	1 :100-1 :5,000
Secondary antibody (model system)	1 :1,000- 1 :15,000	1:5000 - 1:50000	1:50,000 - 1:250,000	1:100,000 - 1:300,000	1 :1.250-1 :4,000
Emission duration	1 to 2 hrs	3 hrs	3 hrs	2 hrs	> 3 months
Reprobing with 2 antibodies	Yes	Yes	Yes	Yes	Not required
Recommended membrane	Amersham Hybond P Amersham Protran Premium	Amersham Hybond P Amersham Protran	Amersham Hybond P Amersham Protran Premium	Amersham Hybond Amersham Protran Premium	Amersham Hybond LFP Amersham Protran Premium
Recommended detection method	Hyperfilm ECL and imageQuant imagers	Amersham Hyperfilm and CCD camera detection range	Hyperfilm ECL and imagers imageQuant	Hyperfilm ECL and imagers imageQuant	Fluorescence scanner and ImageQuant imagers

Amersham ECL™, ECL Start™, ECL Advance™, ECL Select™, ECL Prime,

Amersham ECL™

Cat. No.	Description	€ Excl. VAT
RPN2108	ECL western blotting system for 1000 cm ² of membrane : anti-mouse HRP conjugate 100 µl, anti-Rabbit conjugate HRP 100 µl, detection reagents 1 and 2, blocking agent ⁴	NC -
RPN2109	ECL Western Blotting Detection Reagents for 1000 cm ² of membrane ⁴	NC -
RPN2209	ECL Western Blotting Detection Reagents for 2000 cm ² of membrane ⁵	NC -
RPN2106	ECL Western Blotting Detection Reagents for 4000 cm ² of membrane ⁶	NC -

⁴ contains 2 flasks of 62,5 ml ⁵ contains 2 flasks of 125 ml

⁶ contains 2 flasks of 250 ml



Amersham ECL Prime™

Cat. No.	Description	€ Excl. VAT
RPN2232	ECL Prime Western Blotting Reagent for 1000 cm ² of membrane ¹	NC -
RPN2236	ECL Prime Western Blotting Reagent for 3000 cm ² of membrane ²	NC -

¹ contains 2 flasks of 50 ml ² contains 2 flasks of 150 ml

Amersham ECL Plex™ : for quantitative detection

Use of 2 fluorescent markers allowing the simultaneous detection of 2 proteins on western blots.

- Uses CyDye™ technology
- Multiplex analysis of proteins

Contains :

- ECL Plex Goat - mouse IgG-Cy3, 150 µg
- ECL Plex Goat - rabbit IgG-Cy5, 150 µg
- Hybond ECL 10 x 10 cm (cdt 10) or Hybond-LFP 20 x 20 cm (cdt 3)
- Marqueurs ECL Plex Rainbow 120 µl

Cat. No.	Description	€ Excl. VAT
RPN999	ECL Plex : Cy3,CY5, Rainbow Marker and HYBOND-LFP 20 x 20 cm	NC -

Amersham ECL START™

Cat. No.	Description	€ Excl. VAT
RPN3243	ECL Start for western blot 200 ml	NC -
RPN3244	ECL Start for western blot 400 ml x 2	NC -

Amersham ECL SELECT™

Cat. No.	Description	€ Excl. VAT
RPN2235	ECL Select Western blotting Reagent for 1000 cm ² of membrane ³	NC -

³ contains 1 x 50ml luminol flask and 1 x 50 ml peroxyde solution flask

Detection and blocking

cytiva Cytiva Amersham AlkPhos Direct™ direct marking and detection systems

Technique based on direct labelling of DNA or RNA probes with a thermostable alkaline phosphatase. This labelled probe is then hybridised to the target.

- Detection possible by CDP-Star or ECF
- 2 to 3 hours reduction compared to conventional indirect methods

Cat. No.	Description	Membrane Area	€ Excl. VAT
RPN3680	Alkphos direct labeling module	2500 cm ²	NC -
RPN3682	CDP-star detection reagent	2500 cm ²	NC -
RPN3685	ECF detection module	2500 cm ²	NC -
RPN3688	Alkphos direct hybridisation buffer	5000 cm ²	NC -

cytiva ECL Plex GaM IgG



Consult us for secondary HRP-conjugated antibodies



Cat. No.	Description	€ Excl. VAT
PA45009	ECL Plex GaM IgG, CY5, 150 µg	NC -
PA45011	ECL Plex GaR IgG, CY5, 150 µg	NC -
PA43009	ECL Plex GaM IgG, CY3, 150 µg	NC -
28-9011-06	ECL Plex GaR IgG Cy3 150 µg	NC -

cytiva HRP conjugated Anti-rabbit IgG, F(ab')₂ Antibodies

- Applications : Western blot
- Storage : 2 - 8 °C
- Revelation: ECL

Cat.No.	Description	Volume (ml)	€ Excl. VAT
NA9340-1ML	HRP conjugated Anti-rabbit IgG F(ab') ₂	1	NC -

Blu-Blot HS and Blu-Lite UHC autoradiography films



- High quality with blue background
- For use with calcium tungstate or blue emitting screens
- Compatible with manual and automatic development methods
- The UHC version offers higher contrast and sensitivity with low noise

Cat.No.	Version	Dimensions L x W (mm)	Units/carton	€ Excl. VAT/carton
062632	Blu-Blot HS	127 x 178	100	NC -
062633	Blu-Blot HS	203 x 254	100	NC -
062666	Blu-Lite UHC	127 x 178	100	NC -
062667	Blu-Lite UHC	203 x 254	100	NC -

"Blue devil" autoradiography films

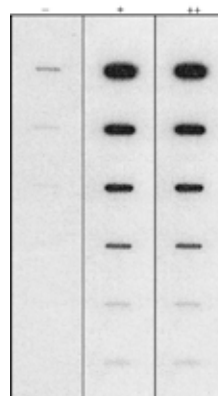


- Blue background
- Single emulsion
- With intersheets
- Exceptional clarity and low background noise
- For use with ¹⁴C, ³⁵S, ³²P et ¹²⁵I
- Blotting
- Sequencing
- Chemiluminescence Autoradiography
- Shift gel analysis



Cat. No.	W x L (cm)	€ Excl. VAT / 100 units
789173	12.7 x 17.78	NC -
789174	20.32 x 25.4	NC -
789175	25.4 x 30.48	NC -
789176	35.56 x 43.18	NC -

Amersham Hyperscreen Intensification Screens



- minus Hyperscreen
+ plus Hyperscreen
++ plus Hyperscreen and preflashed with Sensitize Preflash Unit



¹²⁵I-labeled IgG slot blots: doubling dilutions (100 nCi to 1.56 nCi) 2 h exposure to Hyperfilm MP.

For fast and highly sensitive results in the detection of ³²P and ¹²⁵I in Southern, Northern and Western blots. To be used with the pre-flash lamp.

Cat. No.	Dimensions	Units/carton	€ Excl. VAT/carton
RPN1662	18 x 24 cm	2	NC -

Detection and blocking

Reblot Solutions

These kits contain all the reagents for easy removal of antibodies after chemiluminescence antibody detection.

- **Simple and quick (10 to 20 minutes)**
- **Use at room temperature**
- **No beta-mercaptoethanol**
- **2 different solutions depending on the strength of the interaction between antibody and antigen**

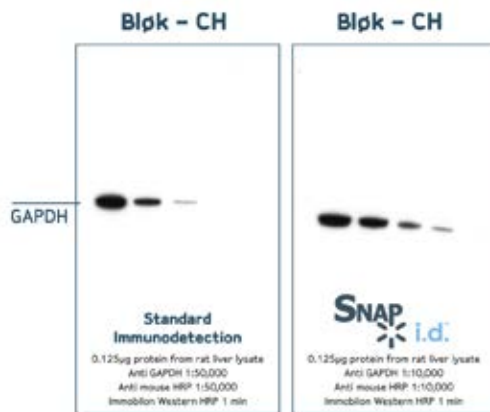
Cat. No.	Description	€ Excl. VAT
051965	Reblot plus Mild Solution 50 ml	NC -
051979	Reblot plus Strong Solution 50 ml	NC -



BLOCK blocking reagents for chemiluminescence or fluorescence detection

The use of a synthetic blocking buffer reduces cross-reactions and background, especially for low abundance proteins.

- **Ready to use Bløk blocking pads, protein free**
- **Stable at room temperature**
- **Available in optimised versions for studying protein phosphorylation or working with fluorescent detection**
- **Compatible with staining after immunodetection**



Cat. No.	Type	€ Excl. tax per 500 ml
053731	CH reagent without background noise for detection by chemiluminescence	NC -
053732	FL reagent without background noise for detection by fluorescence	NC -
053733	Background-free PO reagent for the detection of phosphoproteins by chemiluminescence or fluorescence	NC -

ECL blocking agent

- **Blocking agent compatible with ECL reagents**
- **For use on PVDF or nitrocellulose membranes**

Cat. No.	Description	€ Excl. VAT
RPN2125	ECL BLOCKING AGENT - 40 g	NC -

ECL Prime blocking reagent

- **Blocking agent compatible with ECL Prime and ECL Plex detection reagents**

Cat. No.	Description	€ Excl. VAT
RPN418	ECL Prime blocking reagent 40 g	NC -

Nucleic acid blotting

Rapid transfer system for Southern and Northern blot : TurboBlotter

- **Kit for rapid transfer with high resolution of DNA and RNA**
- **Fast: top-down transfer in one hour with alkaline buffers and three hours with neutral buffers (SSC)**
- **Economical: The buffer holder requires less buffer and blotting paper**
- **Easy to use, no vacuum or power source required**

- **System using gravity in addition to capillary action**
- **Compact: small and stackable unit**

Each TurboBlotter kit includes:

- 1 transfer system ;
- membranes and papers needed for 5 transfers.

Each TurboBlotter refill includes the membranes and papers needed for 5 transfers.



Cat. No.	Description	Dim. (mm)	Transfer syst. size	€ Excl. VAT
034800	Nytran SuperCharge TurboBlotter Kit	100 x 150	12 x 16 cm	NC -
034801	Nytran SuperCharge TurboBlotter Refill	100 x 150	12 x 16 cm	NC -
034802	Nytran SuperCharge TurboBlotter Kit	110 x 140	12 x 16 cm	NC -
034803	Nytran SuperCharge TurboBlotter Refill	110 x 140	12 x 16 cm	NC -
034807	Nytran SuperCharge TurboBlotter Refill	150 x 150	21 x 26 cm	NC -
034808	Nytran SuperCharge TurboBlotter Kit	150 x 200	21 x 26 cm	NC -
034809	Nytran SuperCharge TurboBlotter Refill	150 x 200	21 x 26 cm	NC -
034812	Nytran SuperCharge TurboBlotter Kit	200 x 250	21 x 26 cm	NC -
034813	Nytran SuperCharge TurboBlotter Refill	200 x 250	21 x 26 cm	NC -
034814	Nytran SuperCharge TurboBlotter Kit	70 x 100	12 x 16 cm	NC -

Accessories



Amersham autoradiography cassettes



- For maximum contact between the sample and the film
- Can be used down to -70°C
- Smooth, non-porous internal mat ensures minimal contamination
- The 1.5 cm thick model is used with thicker samples

Cat. No.	Model	Colour	Dimensions	€ Excl. VAT
RPN11643	Standard	Neutral	24 x 30 cm	NC -
RPN11647	Standard	Neutral	20 x 40 cm	NC -
RPN11649	Standard	Neutral	8 x 10 inches	NC -
RPN11650	Standard	Neutral	10 x 12 inches	NC -

Pre-stained chemiluminescent marker for Western blot



- To annotate the transfer membranes on PVDF or nitrocellulose
- Reacts with HRP substrates
- Fast and sensitive
- Compatible with X-ray film and CCD imagers

Cat. No.	Description	€ Excl. VAT
701100	Pre-stained chemiluminescent marker for Western blot	NC -

Regilait skimmed milk



Regilait milk powder is ideal for saturating transfer membranes during Slot-Blot or Western Blot. In 750 g or 300 g tins with spout.

Cat. No.	Packaging	€ Excl. VAT
711160	750 g	NC -
731142	300 g	NC -

Membrane marker pen



- Xylene-based, permanent writing
- For nitrocellulose and nylon membranes
- Ideal marker for orientation of membranes in different types of transfers

Cat. No.	Description	Units/carton	€ Excl. VAT/carton
034982	Membrane marker pen	10	NC -

Fluorescent marker



- Special laboratory
- Interchangeable fine tip for autoradiography
- Contains enough phosphor to be visible at different wavelengths

Cat. No.	Description	€ Excl. VAT
053397	Fluorescent marker with 4 tips	NC -

Gel staining boxes with drain valve



Transparent boxes designed for staining and destaining of electrophoresis gels.

- Waterproof cover
- Drain valve allowing the transfer of liquid without movement
- Carrying handles
- Stackable
- Transparent PCTG boxes
- For staining, destaining, gel transport, membrane blotting

Cat. No.	For gels	L x W x H (mm)	€ Excl. VAT
029181	10 x 10 cm	125 x 125 x 50	NC -

Accessories

Pyrex glass containers for gels

- Made of Pyrex borosilicate glass
- Ideal for electrophoresis gels
- Can be autoclaved or used in a microwave

Cat. No.	Capacity (ml)	L x W x H (mm)	€ Excl. VAT
212561A	1500	228 x 215 x 60	NC -
212560A	1750	262 x 199 x 57	NC -
212562A	2200	312 x 232 x 55	NC -
212563A	3500	366 x 266 x 55	NC -



Incubation tanks for blotting membranes

- Incubation trays for blotting membranes
- For Western blots
- Moulded in autoclavable polypropylene
- Stackable
- Cat. No. 086671 is snap-on and can be used in sets of 5 or by the unit

Cat. No.	Model	Dimensions (mm)	Units/box	€ Excl. VAT/box
086671	-	16 x 115	5	NC -
086672	Midi	90 x 90	5	NC -
086673	Macro	165 x 165	5	NC -



Black boxes for Western blot

- Opaque, made of polystyrene
- Protects light-sensitive samples
- The lid helps to reduce evaporation

Cat. No. Boxes with hinged lid	Dimensions L x W x H (mm)	Volume min. (ml)	Units/carton	€ Excl. VAT/carton
062668	89 x 65 x 25	4	5	NC -
062669	117 x 89 x 28	6	5	NC -
062670	114 x 114 x 32	7	5	NC -

Cat. No. Boxes with removable lid	Dimensions L x W x H (mm)	Volume min. (ml)	Units/carton	€ Excl. VAT/carton
062671	86 x 86 x 28	5	10	NC -



Gel drying frames

Frame for drying gels between 2 sheets of cellophane, without using a pump or gel dryer.

Two dimensions: 14 x 14 cm (mini-gels) or 24 x 24 cm.

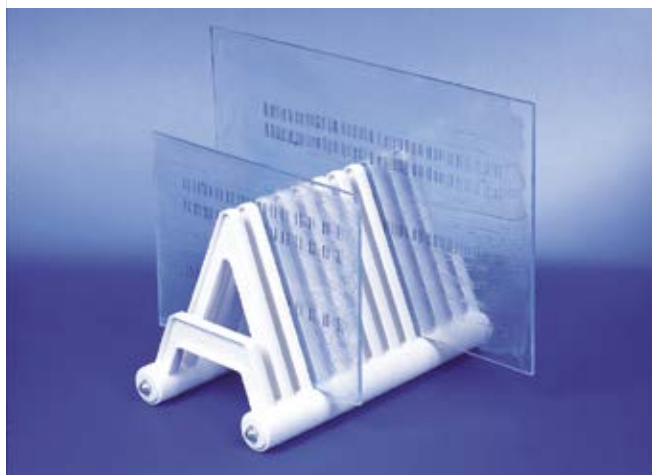
The frame is supplied with : 2 plates, 8 closing clips, 50 pre-cut cellophane sheets.

L x W (cm)	14 x 14	24 x 24
Full frame kit		
Cat. No.	053085	053086
€ Excl. VAT/unit	NC -	NC -
Cellophane sheets		
Cat. No.	053087	053088
€ Excl. VAT the 50 pcs box	NC -	NC -



Accessories

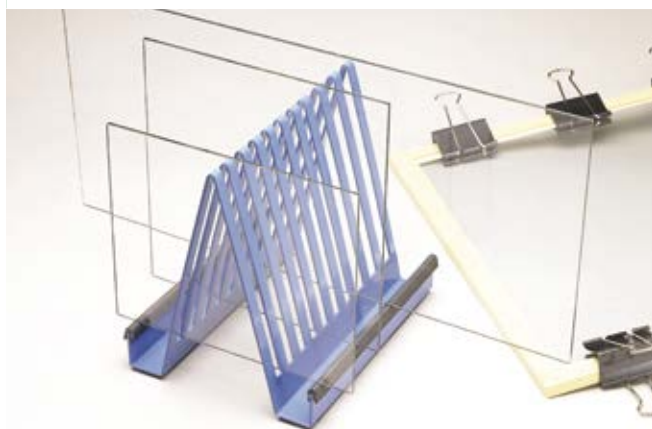
Weighted rack for electrophoresis plates



- ▶ Polypropylene rack
- ▶ Heavy base for holding 10 electrophoresis plates
- ▶ Dimensions : 203 x 381 x 228 mm

Cat. No.	Description	€ Excl. VAT
085971	Rack 10 electrophoresis plates	NC -

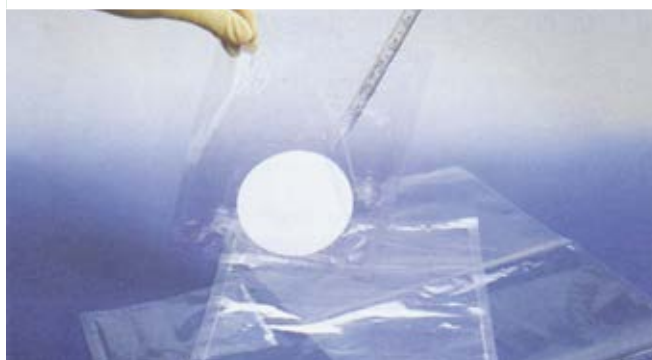
Drying rack for glass plates



- ▶ A-shaped
- ▶ Rack for drying 10 glass plates (7 standard sheets and 3 double thickness plates)
- ▶ Made of steel with anti-slip pads
- ▶ W x D x H (mm) : 200 x 160 x 180 mm

Cat. No.	Description	€ Excl. VAT
045881	Gel drying rack	NC -

Hybridization bags



Transparent polyester bags for cold storage of acrylamide gels, hydration, storage of biological samples, food, etc.

- ▶ Resistant to most acids, bases, solvents, greases
- ▶ Can withstand temperatures from -40°C to +115°C
- ▶ Tear-proof
- ▶ Rot-proof
- ▶ Thickness : 63 µm
- ▶ Total odour barrier
- ▶ Can be heat-sealed

Cat. No.	Version	Dim. L x W (mm)	€ Excl. VAT
045800	101 x 152	100	NC -
045801	165 x 203	75	NC -
045802	203 x 241	50	NC -
045803	203 x 305	40	NC -
045804	254 x 305	30	NC -
045806	305 x 406	15	NC -

Accessories

Clips

Stainless steel clips, ideal for closing electrophoresis plates.

Cat. No.	Clip	Units/ box	€ Excl. VAT/ box
053013	19 mm	12	NC -



Reagents and chemicals for Molecular Biology and Biochemistry

Chemical compounds

Cat. No.	Description	Packaging	€ Excl. VAT
348587	Anhydrous sodium acetate molecular biology grade min. 99 %	1 kg	NC -
091516	Boric acid molecular biology grade min. 99.5 %	1 kg	NC -
C4036-250G-SIG	Cesium chloride, molecular biology grade min. 98 %	250 g	NC -
348398	Cesium chloride, molecular biology grade min. 99.999 %	1 kg	NC -
115695	Magnesium chloride hexahydrate molecular biology grade min. 99 %	500 g	NC -
348591	Sodium chloride molecular biology grade min. 99.5 %	1 kg	NC -
348446	Dithiothreitol (DTT) molecular biology grade min. 99.5 %	5 g	NC -
091535	Sterile anhydrous glycerol min. 99.5 %	250 ml	NC -
348490	Glycine grade bio. mol. min. 99.5 %	1 kg	NC -
091543B	Hepes grade bio. mol. min. 99.5 %	250 g	NC -
348503	Imidazole molecular biology grade min. 99.5 %	50 g	NC -
091546B	MOPS, biology grade min. 99.5 %	100 g	NC -
548656	Sodium salt with dextran sulfate 40 biochemistry grade	250 g	NC -
091504B	Ammonium sulphate molecular biology grade min. 99.5 %	1 kg	NC -
091503B	Ammonium sulphate molecular biology grade min. 99.5 %	5 kg	NC -
091570B	Tris biology grade min. 99.9 %	500 g	NC -
091572B	Tris biology grade min. 99.9 %	1 kg	NC -
091571B	Tris biology grade min. 99.9 %	5 kg	NC -

Organic solvents

Cat. No.	Description	Packaging	€ Excl. VAT
348350	Deionised formamide min. 99.5 %	500 ml	NC -
348351	Deionised formamide min. 99.5 %	1 l	NC -
348348	Unstabilised phenol / chloroform / isoamyl alcohol 25/24/1	500 ml	NC -
348346	Stabilised phenol, saturated with water approx. 75 %	500 ml	NC -
348347	Stabilised phenol, saturated with water approx. 75% + separate Tris solution	500 ml	NC -

DNase I (RNase-free)

- Endonuclease that non-specifically degrades single- and double-stranded DNA by releasing di-, tri- and phosphorylated oligonucleotides in 5'
- Used to remove contaminating DNA in RNA preparations prior to RT-PCR and RT-qPCR applications
- Also used to remove the DNA template from the reaction medium after in vitro transcription

Cat. No.	Description	€ Excl. VAT
220229	DNase I (RNase-free), 1000 U	NC -
220230	DNase I (RNase-free), 5000 U	NC -

Enzymes

Cat. No.	Description	Packaging	€ Excl. VAT
348441	DNASE I min. 3000 U/mg (Kunitz)	10 mg	NC -
348439	DNASE I min. 3000 U/mg (Kunitz)	100 mg	NC -
348574	RNASE A (DNase free min. 80 U/mg (Kunitz)	50 mg	NC -
091545B	Lysozyme molecular biology grade	10 g	NC -
348565	Recombinant freeze-dried Proteinase K	100 mg	NC -
348566	Recombinant freeze-dried Proteinase K	25 mg	NC -
348564	Recombinant freeze-dried Proteinase K	500 mg	NC -
348569	Protéinase K solution 20 mg/ml, DNase/RNase free	1 ml	NC -
348568	Protéinase K solution 20 mg/ml, DNase/RNase free	5 ml	NC -
348567	Protéinase K solution 20 mg/ml, DNase/RNase free	10 ml	NC -
220260	Protéinase K solution 20 mg/ml, DNase/RNase free	1 ml	NC -
220261	Protéinase K solution 20 mg/ml, DNase/RNase free	5 x 1 ml	NC -

Chaotropic agents

Cat. No.	Description	Packaging	€ Excl. VAT
348492	Guanidine hydrochloride molecular biology grade min. 99.5 %	1 kg	NC -
348641	Urea biology grade mol. min. 99 %	1 kg	NC -
T7875-100G-SIG	Thiourea reagent plus grade min. 99 %	100 g	NC -
348403	Guanidine thiocyanate molecular biology grade min. 99 %	100 g	NC -
348401	Guanidine thiocyanate molecular biology grade min. 99 %	500 g	NC -

Surfactants

Cat. No.	Description	Packaging	€ Excl. VAT
672414	Cetyltrimethylammonium bromide (CTAB) biology grade min. 99 %	100 g	NC -
672415	Cetyltrimethylammonium bromide (CTAB) biology grade min. 99 %	500 g	NC -
348332	CHAPS, biochemistry grade min. 99 %	5 g	NC -
348337	CHAPS, biochemistry grade min. 99 %	50 g	NC -
091564	SDS solution 20 % bio. mol. grade	1 l	NC -
091567B	SDS molecular biology grade min. 99 %	1 kg	NC -
348637	Tween 20 molecular biology grade	500 ml	NC -
672357	Tween 80 biochemistry grade	500 ml	NC -

RNase A (DNase-free)

- Specific pyrimidine endoribonuclease that degrades single-stranded RNA
- Catalyses the cleavage of the phosphodiester bond between a pyrimidine and the following nucleotide
- Used for the suppression of RNA in DNA preparations
- Available in 10 and 50 mg

Cat. No.	Description	€ Excl. VAT
220235	RNase A (DNase-free), 10 mg (1 ml)	NC -
220236	RNase A (DNase-free), 50 mg (5 ml)	NC -

Alternatives to alkylphenol ethoxylate detergents

- Alkylphenol ethoxylates are included in Annex XIV of REACH program due to their toxicity
- Several detergents in the Triton X and Tergitol X range are among the targeted molecules
- Merck offers a range of alternative detergents

➤ ECOSURF EH detergents :

- Ethoxylated substitutes
- Excellent wetting and solid surface cleaner
- Low odour, easily biodegradable and very low toxicity to the aquatic environment

➤ ECOSURF SA detergents :

- Ethoxylated substitutes
- Easier handling, low pour point and fast dissolution
- Low odour, hydrophobic, good detergency, biorenewable base, easily biodegradable and very low toxicity to the aquatic environment

➤ TERGITOL 15-S detergents :

- Substitutes based on secondary alcohols
- Excellent wetting, fast dissolving and rapid reduction of surface tension
- Low odour, good detergency and easily biodegradable

➤ TERGITOL TMN detergents :

- Substitute based on branched secondary alcohol ethoxylates
- Very good wetting, emulsifying and detergent properties
- Very low surface tension

Description	Alkylphenol ethoxylate base	Moles EO	Cloud Point (°C) (1%)	HLB	Flow temperature (°C)	Easily biodegradable (OECD 301F)	Cat. No.
TRITON X-100	Yes	9.5	66	13.4	1		X100
ECOSURFTM EH-9	No	Confidential	61	12.5	12	•	STS0006
ECOSURF EH-9 (90 %)	No	Confidential	61	12.5	-5	•	STS0012
ECOSURF SA-9	No	Confidential	57	11.1	4	•	STS0007
TERGITOL 15-S-9	No	9	60	13.3	9	•	15S9
TERGITOL TMN-100X (90 %)	No	9	65	14	6		STS0004
TRITON X-102	Yes	12	88	14.4	13		X102
ECOSURF EH-9	No	Confidential	61	12.5	12	•	STS0006
ECOSURF EH-9 (90 %)	No	Confidential	61	12.5	-5	•	STS0012
TERGITOL TMN-10 (90 %)	No	11	76	14.1	-19		86454
TRITON X-114	Yes	7.5	25	12.3	-14		X114
TERGITOL 15-S-7	No	7	37	12.1	1	•	15S7
TERGITOL TMN-6 (90 %)	No	8	36	13.1	< 40		86453
TERGITOL NP-40 (70 %)	Yes	40	> 100	17.8	2		-
TERGITOL 15-S-40 (70 %)	No	41	> 100	18	5	•	STS0003

Cat. No.	Description	Packaging	€ Excl. VAT
STS0003-100ML-SIG	TERGITOL 15-S-40 70 % in water	100 ml	NC -
STS0003-500ML-SIG	TERGITOL 15-S-40 70 % in water	500 ml	NC -
STS0004-100ML-SIG	TERGITOL TMN-100X 90 % in water	100 ml	NC -
STS0004-500ML-SIG	TERGITOL TMN-100X 90 % in water	500 ml	NC -
15S7-500ML-SIG	TERGITOL 15-S-7	500 ml	NC -
15S7-1L-SIG	TERGITOL 15-S-7	1 l	NC -
15S7-4L-SIG	TERGITOL 15-S-7	4 l	NC -
15S9-100ML-SIG	TERGITOL 15-S-9	100 ml	NC -
15S9-500ML-SIG	TERGITOL 15-S-9	500 ml	NC -
15S9-1L-SIG	TERGITOL 15-S-9	1 l	NC -
15S9-4L-SIG	TERGITOL 15-S-9	4 l	NC -
86453-250ML-SIG	TERGITOL TMN 6	250 ml	NC -
86453-1L-SIG	TERGITOL TMN 6	1 l	NC -
86454-250ML-SIG	TERGITOL TMN 10	250 ml	NC -
86454-1L-SIG	TERGITOL TMN 10	1 l	NC -
STS0006-100ML-SIG	ECOSURF EH-9	100 ml	NC -
STS0006-500ML-SIG	ECOSURF EH-9	500 ml	NC -
STS0007-100ML-SIG	ECOSURF SA-9	100 ml	NC -
STS0007-500ML-SIG	ECOSURF SA-9	500 ml	NC -
STS0012-100ML-SIG	ECOSURF EH-9 90% in water	100 ml	NC -
STS0012-500ML-SIG	ECOSURF EH-9 90% in water	500 ml	NC -