

chemiLITE ECL Western Blotting Workflow Package

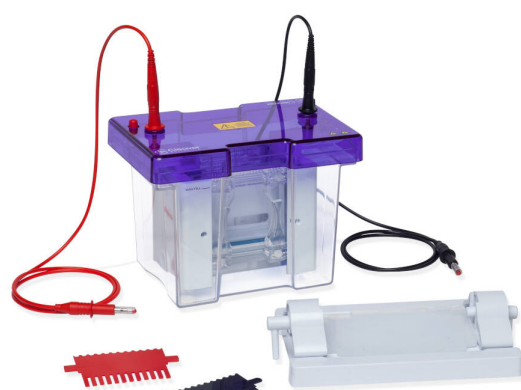


SKU: WESTERNFLOWLITE

Everything you'll need from gel running to chemiluminescence imaging.

The chemiLITE workflow package includes everything required to take a mini gel from sample loading to quantified ECL Image. The injection moulded omniPAGE Mini vertical gel tank runs up to 4 hand cast gels and work perfectly with the wide range pre-stained protein ladder. The powerPRO 3AMP power supply runs both the gel tank, and the mini format semi-dry blotter. Also included in the package are reagents and accessories for blocking, including a blot roller, PVDF or nitrocellulose membrane, single-step blocking solution and high sensitivity ECL substrate. All that is required are the antibodies for your target protein.

Package Includes:



CHEMILITE

Chemiluminescence Imaging System

The chemiLITE is our entry level chemiluminescence documentation system. Designed for imaging any chemiluminescence substrate and as a direct replacement for X-ray film, it is capable of picogram or femtogram protein level detection. The compactness of this system makes it perfect for labs looking to set up chemiluminescence imaging, without the need to accommodate a large, multifunction system.

CVS10DSYS

omniPAGE Mini System with Caster

By combining both functionality and ease of use, the omniPAGE systems set the bench mark for simple, versatile vertical mini gel electrophoresis. Each omniPAGE electrophoresis system can accommodate up to 4 hand cast gels (additional plates required) or 2 commercial precast gels to provide complete flexibility for individual research needs, while unique sliding clamp technology within the PAGE insert facilitates fast, intuitive leak-free casting.

SD10

Semi Dry Mini, 10 x 10cm System

These Semi Dry Blotters offer rapid transfer times for DNA, RNA and protein blotting typically 15 to 30 minutes. All units can be used for all types of blotting: Western, Southern and Northern via uncomplicated buffer and set up procedures and are compatible with gel thicknesses from 0.25 up to 10mm without the need for additional equipment. Each unit is compatible with their respective omniPAGE vertical gel system.

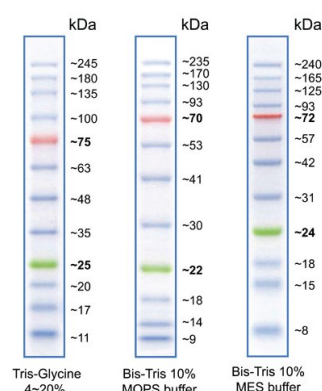
And these accessories & reagents:



CSL-BP1010

Blot-Absorbent Filter paper, 10 x 10cm, pack of 50

Cleaver Scientific blot-absorbent filter paper is supplied in packs of 50 and in sizes of 10x10cm and 20x20cm. Its 1-mm-thick texture and high buffer retention properties - being able to absorb twice its own weight in buffer - allow it to exert the gel-membrane compression needed for efficient transfers.



CSL-BBL

Blue Wide Range Protein Ladder (10-245kDa)

Stable for up to 2 years if stored at -20°C and supplied pre-stained in gel loading buffer for direct loading, Cleaver Scientific and BLUE Wide Range recombinant protein markers are perfect for SDS-PAGE applications. Sizes range from 10-245 kDa suitable for accurate molecular weight determination of most cellular proteins.



TG-SDS10X1L

Tris-Glycine SDS 10X - 1 litre

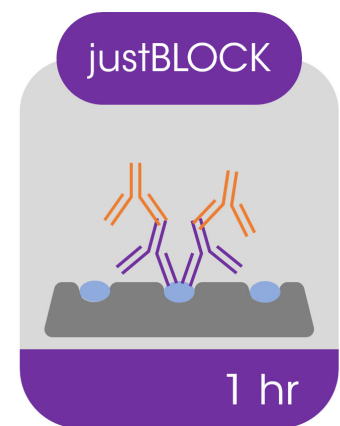
Convenient, pre-made stock solution - just dilute as necessary with water. Proves 10 litres of 1X Tris-Glycine SDS running buffer, perfect for use in the omniPAGE Mini or omniPAGE Maxi. Long shelf size and rigorous QC for consistent quality.



POWERPRO3AMP

PowerPRO 3AMP Power Supply, 300V, 3000mA

At 300V, 3000mA, 300W, the PowerPro 3AMP is designed for virtually all high current electrophoresis applications. The PowerPro 3AMP's higher current output capability is perfect for electroblotting units with high-intensity plate electrodes, particularly Cleaver Scientific omniBLOT maxi, VS20 WAVE and semi dry blotting systems.



JUSTBLOCK

EZEE JUSTBLOCK Western Blocking solution and signal enhancer, 500ml

JUSTBLOCK is an all-in-one blocking solution for Western blot analysis. By all-in-one we refer to its capability to perform in only one step, blocking, primary and secondary antibodies hybridization as well as enhancing the signal developed from HRP (horseradish peroxidase) or AP (alkaline phosphatase) substrates. JUSTBLOCK therefore functions as both blocker and enhancer in Western analysis.



CSL-PVDF0.22R

Roll PVDF 28 cm x 3 m, 0.22 µm

Used in Western Blotting of Proteins and for use in Hybridisation Techniques. PVDF, nitrocellulose and nylon membranes are available for different application needs. A protein's properties (i.e., charge, hydrophobicity, etc.) affects its ability to bind to membrane surfaces.



ECLULTRA

LumiPRO ECL substrate kit: Luminol/enhancer solution Peroxide solution

LumiPRO is our top performance product with an extremely high signal intensity and stable light output for low femtogram detection level. The formulation provides a low background for a high signal to noise ratio.



CSL-WBROLLER

10cm acrylic roller for western blotting

This blot roller is suitable for use with all Cleaver Scientific blotting units. Use the roller to remove air bubbles from blotting stacks prior to blotting to ensure an even protein transfer.

Social Media

Keep up to date with our latest exhibitions and activites by following us on Social Media!



Contact us

E _ sales@cleaverscientific.com

T _ +44 (0) 1788 565 300

W _ www.cleaverscientific.com