Wee Vert Protein Electrophoresis System : LA1070

The Wee Vert Protein Electrophoresis System simplifies the process of casting and running gels by eliminating tedious assembly procedures. Not only does it let you work with Ready Gel precast gels as well as hand- cast gels, it's quite simply the easiest-to-use system.

ACCESSORIES

Product Code	Name	Item/Pack
LA1070A	Electrical cables	1 in a pack
LA1070B	Tank(all)	1 in a pack
LA1070C	Lid(all)	1 in a pack
LA1070D	Clamping Frame	2 in a pack
LA1070E	Electrode Assembly	1 in a pack
LA1070F	Notch on U-Shaped Gasket	1 in a pack
LA1070G	Cell Buffer Dam	1 in a pack
LA1070H	Spacer Plate(1.0mm)	5 in a pack
LA1070I	Short Plate	10 in a pack
LA1070J	Casting Stand(all)	2 in a pack
LA1070K	Casting Stand Rubber Pad	2 in a pack
LA1070L	Casting Frame (all)	2 in a pack
LA1070M	comb(1.0mm, 10well)	2 in a pack
LA1070N	comb(1.0mm, 15well)	2 in a pack
LA1070O	Sample Loading Guide(10well)	1 in a pack
LA1070P	Sample Loading Guide(15well)	1 in a pack
LA1070Q	Gel releaser	2 in a pack

HIMEDIA®

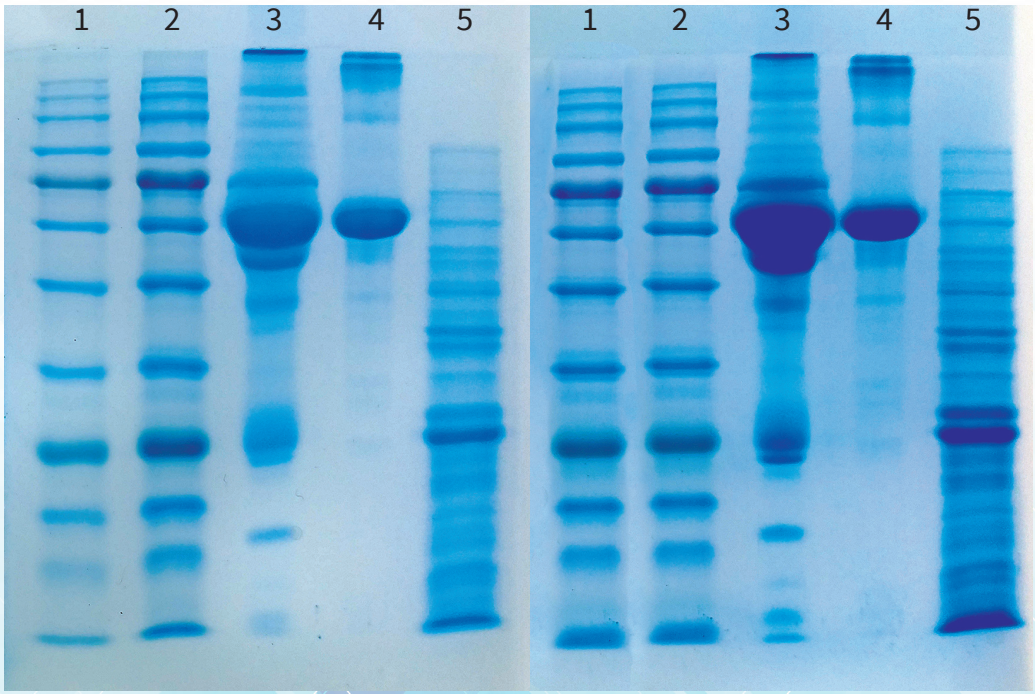
FEATURES

1. Simple operation with high resolution separation.
2. Suitable for precast as well as hand cast gels.
3. Glass plates with permanently bonded spacer guarantee perfect alignment and leak free casting.
4. Glass plates and combs marked with thickness and number of wells for instant identification.
5. Plastic combs have a built-in ridge to eliminate air contact for faster polymerization.
6. Sample loading guides aid in sample application.
7. Retractable connectors compatible with most major power supplies (recommended power supply - product code: LA690)
8. Versatile - interchangeable modules for PAGE and electroblotting using a single universal buffer tank.

SPECIFICATIONS

- Gel size: 8.3×7.3 cm (W×L)
- Short plate: 10×7.3 cm (W×L)
- Spacer plate: 10×8.3 cm (W×L)
- Total buffer volume: 900 ml
- Typical run times for SDS-PAGE: 45 minutes (at 200V).

Wee-Vert Electrophoresis system delivering high-resolution results with short run time at high voltage.



Gel 1 Gel 2

Fig 1: 5-12% SDS-PAGE gels run using Wee-Vert electrophoresis system (LA1070). Gels were loaded as follows : Lane 1 and 2 Prestained protein ladder , Lane 3 : 1:20 dilution of Human serum. Lane 4 : 10µg BSA. Lane 5 : Bacterial cell lysate. Staining Methods used : Gel 1 - Xpress Blue™ protein stain. Gel 2- CBB stain

Wee Blot : LA1088

Electroblotting is a powerful technique in proteomics and genomics, which allows identification, quantification or interaction study of proteins and nucleic acid from various samples. Wee-Blot Electroblotting cell provide a cost-effective, safe and easy to use system for obtaining high quality blotting results. It provides rapid, high quality blotting of handcast as well as precast gels.

ACCESSORIES

Product Code	Name	Item/Pack
LA1088A	Electrical cables	1 in a pack
LA1088B	Tank(all)	1 in a pack
LA1088C	Lid(all)	1 in a pack
LA1088D	Electrode module	1 in a pack
LA1088E	Gel Holder Casette (Including Fiber Pad)	4 in a pack
LA1088F	Fiber pad	8 in a pack
LA1088G	Gel Holder Casette (Without Fiber Pad)	4 in a pack

FEATURES

1. Modular electrode assembly transfers two 7.5×10 cm gels in just one hour.
2. Electrodes assembly provides a high field strength for rapid and efficient transfers.
3. Color coded cassettes to prevent wrong orientation of blots during electrotransfer.
4. Minimal Transfer buffer consumption.
5. Versatile - interchangeable modules for PAGE and electroblotting using a single universal buffer tank.

SPECIFICATIONS

- Overall dimensions: 16×12×18 cm
- Maximum gel size: 10×10 cm
- Buffer requirements: 1300 ml
- Gel capacity: 4×Wee-Vert gels

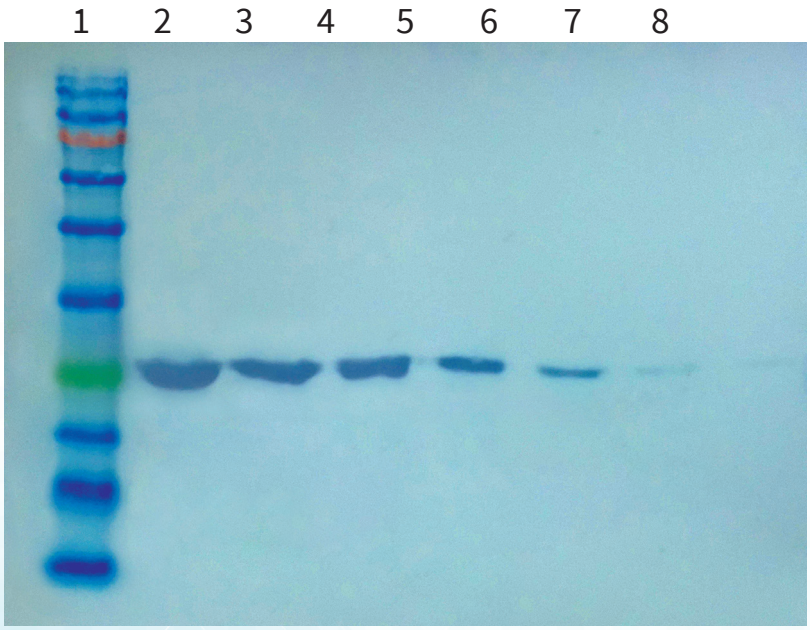


Fig 2: Western blot showing prestained protein ladder and dilution series of 26kDa GST protein detected by colorimetric method. Bacterial cell lysate containing overexpressed GST protein was electrophoresed on SDS-PAGE gel and blotted using WEE-BLOT unit (LA1088) onto Nitrocellulose membrane followed by immunodetection using anti-GST antibody. The blot was then developed using TMB substrate. Lane 1 : Prestained protein ladder. Lane 2-8 : GST protein serial dilutions.

Literature Code : TL730-00/Wee Vert & Blot/0620

HiMedia Laboratories Pvt. Ltd.
www.himedialabs.com

CORPORATE OFFICE -
A-516, Swastik Disha Business Park, Via Vadhani Indl Est, LBS Marg, Mumbai - 400 086, India.
Tel : +91-22-6147 1919 / 2500 3747 | Fax : +91-22-6147 1920 / 2500 5764 | Email : info@himedialabs.com