

Prestained Broad-Range Protein Marker

Catalog No.: PT-PS04 (1 vials, 250 µl per vial)

SA-PS04 (1 vials, 25 µl per vial)

Description: Prestained Broad-Range Protein Marker is a mixture of 10 purified proteins covalently coupled with blue chromophore, while 2 orange bands at 30 kDa and 270 kDa and a green band at 52 kDa serve as reference bands. Prestained Broad-Range Protein Marker provides approximating protein size during SDS-polyacrylamide gel electrophoresis and verifies the success of Western transfers to PVDF, nylon, or nitrocellulose membranes. This standard provides a quick way to assess the quality of electrophoretic transfer and act as a control in repetitive blotting experiments.

Storage Buffer: 62.5 mM Tris-H₃PO₄ (pH 7.5 at 25 °C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN₃, 33% glycerol.

Reaction Setup: 5 µl per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel.

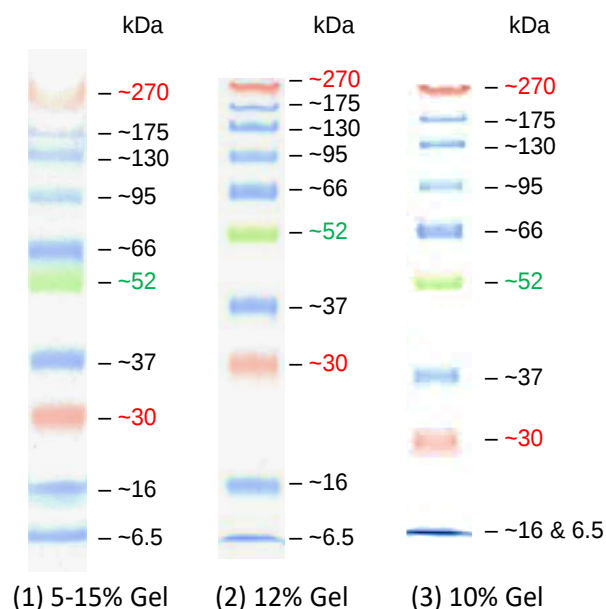
Storage: -20°C stable for 1 years.

Figure: Migration pattern of Pre-stained Broad-Range Protein Marker.

A 5µl sample of the protein marker was loaded and run on different percentage SDS-PAGE.

- (1) Pre-casted 5-15% Gel with 300V for 10 min
(Bullet PAGE One Precast Gel, Cat. 13079-84)
- (2) 12% Gel with 150V for 40 min
- (3) 10% Gel with 150V for 60 min

*Note: The 16 and 6.5 kDa size on (3) 10% gel are overlapping due to the resolution character of the gel.



Research Use Only

Manufactured for and distributed by Protech Technology Enterprise Co. Ltd.

TEL : +886-2-2655-7677 / FAX : +886-2-2655-7601 / Toll Free : 0800-231-530

E-MAIL: service@bio-protech.com.tw; tech@bio-protech.com.tw

WEB: <http://www.bio-protech.com.tw>