

MBT092

Prestained Protein Ladder

Product Name	Product Code	Kit Packing
Prestained Protein Ladder	MBT092-10LN	10 Lanes (50 µl)
Prestained Protein Ladder	MBT092-100LN	100 Lanes (500 µl)

Description:

The Prestained Protein Ladder is a three-color protein standard with 12 prestained proteins covering a wide range molecular weights from 11 to 245 kDa in Tris-glycine buffer (9 to 235 kDa in MOPS buffer and 8 to 240 kDa in MES Buffer). Proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25 kDa and 75 kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer). The Pre-Stained Protein Ladder is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The ladder is supplied in gel loading buffer and is ready to use.

Recommended load: 5 µl/lane

Contents:

Approximately 0.1~0.4 mg/ml of each protein in buffer [20 mM Trisphosphate (pH 7.5 at 25°C), 2% SDS, 0.2 mM Dithiothreitol, 3.6 M Urea, and 15% (v/v) Glycerol].

Required materials but not provided:

- Vertical Electrophoresis system (Recommended Product code: LA1070)
- Power supplies

Reaction Setup:

5 µl per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively 5 µl per well for general Western transferring.

Storage conditions: The ladder should be stored at -20°C. When stored under the recommended conditions, the product is stable for 2 years.

Quality Control:

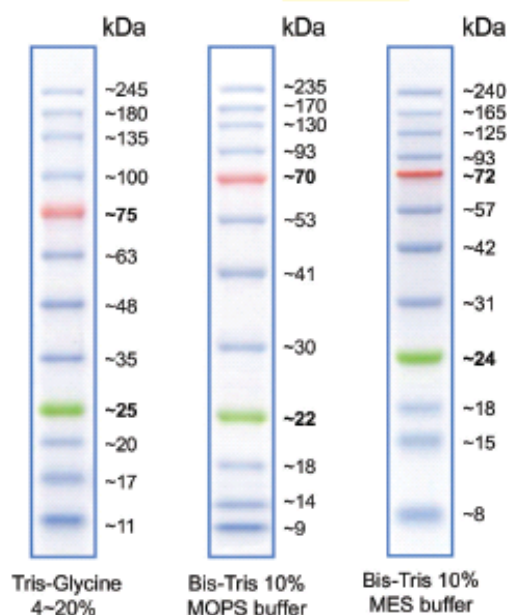
Under recommended conditions, Prestained Protein Ladder resolves into 12 major bands in 12% SDS-PAGE (Tris-glycine buffer) and after Western blotting to nitrocellulose membrane.

Note:

Prestained protein ladder bands won't get developed during Enhanced chemiluminescent (ECL) reaction.

Please refer disclaimer Overleaf.

Guide for Molecular Weight Estimation (kDa):



Technical Assistance

At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail to mb@himedialabs.com

Symbols

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIMBT092
Rev.No.: 05
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Disclaimer :

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