

For research use only

ISO 9001/14001/13485 Certified Company

MBI Rainbow Prestained Protein Evolution Ladder (3 colors)

Cat. No. MRPPEVL 250 μ l

Description

The MBI Rainbow Prestained Protein Evolution Ladder is a three-color protein standard with 12 pre-stained proteins covering a wide range molecular weights from 10 to 245 kDa. 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 MBI Rainbow Prestained Protein Evolution 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.

General Use

1. Let MBI Rainbow Prestained Protein Evolution Ladder adjust to room temperature before use. After thawing completely, mix them thoroughly.
2. 3μ l or 4μ l per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively.
3. Load samples.
4. Connect the power supply and start electrophoresis.

Contents

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

Storage

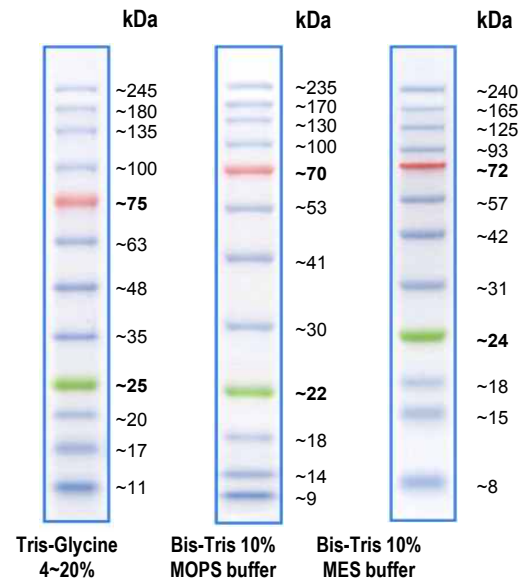
Stable for up to 3 months at 4°C. For long term storage, store at -20°C.



Montreal Biotech

Guide for Molecular Weight Estimation (kDa)

Migration patterns of MBI Rainbow Prestained Protein Evolution Ladder in different electrophoresis conditions are listed below.



Note : The apparent molecular weight (kDa) of each protein has been determined by calibration against an unstained protein standards; Supplemental data should be considered for more accurate adjustment in different electrophoresis conditions.

Caution : Not intended for human or animal diagnostic or therapeutic uses.

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