

Prestained Protein Ladder, (10-250 KDa)

Cat. No.: SL7001 Size: 500µl

Cat. No.: SL7002 Size: 100µl

- 3µl or 5µl per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively.
- 2~3µl per well for general Western transferring.
- Apply more for thicker (>1.5mm) or larger gel.

Description:

The Prestained Protein Ladder is a three-color protein standard with 12 pre-stained proteins with molecular weight from 10 to 245KDa. Proteins covalently coupled with a blue chromophore except for two reference bands (one green at 25kDa and one red band at 75KDa) when separated on SDS-PAGE (Tris-Glycine buffer). The Prestained Protein Ladder designed for monitoring protein separated during SDS polyacrylamide gel electrophoresis, verification of Western transfer efficiently on membranes (PVDF, nylon or nitrocellulose) and for approximate sizing of proteins. The ladder supplied in gel loading buffer and is ready to use. Do not heat, dilute or add reducing agent before loading.

Contents:

0.2~0.4mg/ml of each protein in buffer (20mM Trisphosphate pH 7.5 at 25°C), 2% SDS, 1mM 2-Mercaptoethanol, 3.6M Urea, and 15% (v/v) Glycerol).

Quality Control:

5µl of Prestained Protein Ladder resolves 9 bands in 4-20% SDS-PAGE (Tris-Glycine buffer) and after Western blotting to PVDF membrane.

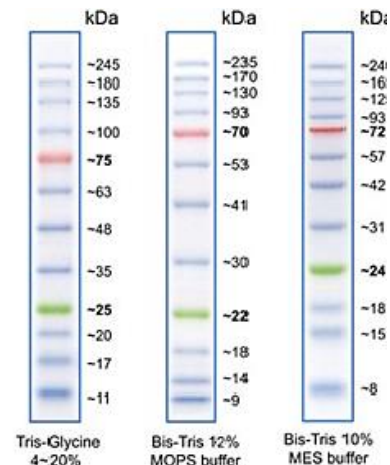
Storage:

Stable for up to 2 weeks at 25°C.

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

Guide for Molecular Weight Estimation (KDa):

Migration patterns of Prestained Protein Ladder in different electrophoresis conditions listed below:



Note: The molecular weight of each protein (KDa) was measured against an unstained protein ladder in every electrophoresis condition.

*Additional data should be considered for accurate adjustment.

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses.



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