



UNveil Unstained Protein Ladder

22 MAR 2021

Catalog Number	Size	Range
PMU12-0500	500µl	10 to 200 kDa

Storage Conditions

Stable for up to 2 weeks at 25°C.

Stable for up to 3 months at 4°C.

Stable for up to 24 months at -20°C.

Description

The Unveil Unstained Protein Ladder is a mixture of 12 unstained recombinant proteins covering a wide range of molecular weights from 10 to 200 kDa. The proteins resolve into clearly identifiable bands when separated on the SDS-PAGE gel (MES buffer), with the intensified 25kDa and 85kDa protein bands serving as the two reference bands. The Unveil Unstained Protein Ladder is designed for monitoring protein separation during SDS- polyacrylamide gel electrophoresis and verifying Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The ladder is supplied in the gel loading buffer and is ready to use

Kit Content(s)

Unveil unstained protein ladder	500 µl* 1 vial
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Storage Buffer

20 mM Tris-phosphate (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
- Power supplies
- Vortex or equivalent
- Microcentrifuge

Reaction Setup

3 µl or 5 µl per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively. 2.5 µl per well for general Western transferring.

