NeoPRO 10 Prestained Protein Ladder (11 to 180 kDa)

#Cat: NB-59-0008

Catalog Number	Size	Range
NB-59-0008	500 µl	11 to 180 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

NeoPRO 10 Prestained Protein Ladder (11 to 180 kDa) is a combination of 10 pre-stained proteins with molecular weights from 11 to 180 kDa. The 10 recombinant proteins are covalently coupled with blue chromophore, while 1 green band at 25 kDa and a red band at 75 kDa, serve as reference bands. The NeoPRO 10 Prestained Protein Ladder (11 to 180 kDa) keeps track of the size and separation of proteins during SDS-polyacrylamide gel electrophoresis, approximating protein size, and validating Western transfer efficiency on PVDF, nylon, or nitrocellulose membranes.

Kit Content(s)

NeoPRO 10 Prestained Protein Ladder (11 to 180 kDa)	500 µl x 1 vial

Storage Buffer

Approximately 0.2~0.4 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

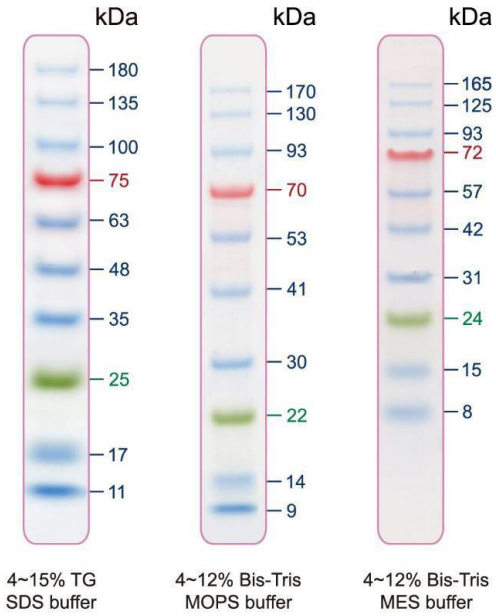
- Vertical Electrophoresis system
- Power supplies
- Vortex or equivalent
- Microcentrifuge

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.

Guide for Molecular Weight Estimation (kDa)

Refer to the NeoPRO 10 Prestained Protein Ladder (11 to 180 kDa) patterns in various electrophoresis conditions:



Important notes

The molecular weight of each protein (kDa) was measured against an unstained protein ladder in every electrophoresis condition. Additional data should be considered for a more accurate adjustment.