

## Elite Pre-stained Protein Ladder Datasheet

The Elite Pre-stained Protein Ladder is a three-colour protein standard with 10 pre-stained proteins covering a wide range of molecular weights from 6.5 to 270 kDa. Designed for monitoring protein separation during SDS-PAGE, verifying Western transfer efficiency on membranes and for approximating the size of proteins.

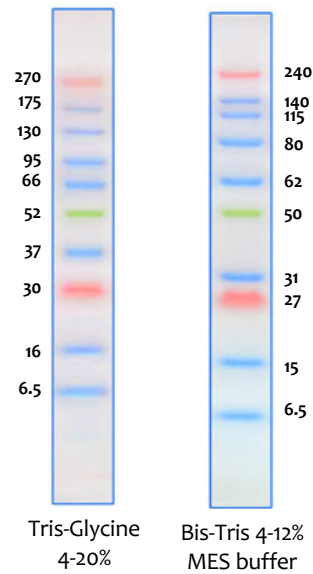
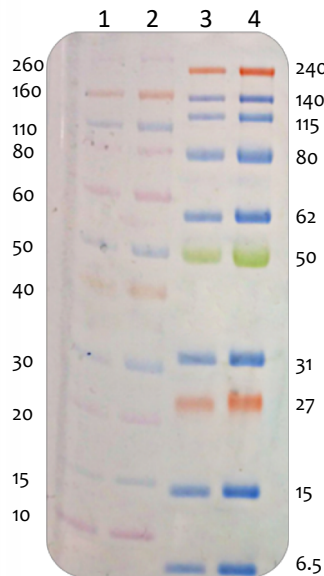
### Features

- High-intensity, 3-colour MW determination
- Ultra-clear and expanded MW range (6.5-270 kDa)
- Clear separation for high MW proteins
- Up to 100% electroblot transfer efficiency
- LICOR-compatible

### \*Performance Data: 4-12% Bis-Tris MES SDS

- Lane 1: Novex Sharp (ThermoFisher) 5µl
- Lane 2: Novex Sharp (ThermoFisher) 10µl
- Lane 3: Protein Ark Elite Protein Ladder 5µl
- Lane 4: Protein Ark Elite Protein Ladder 10µl

\*Qamar S, Cambridge Institute for Medical Research, Cambridge, UK, October 2018.



### Specifications

Recommended use	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.
Storage buffer	62.5 mM Tris-H <sub>3</sub> PO <sub>4</sub> (pH 7.5 at 25 °C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN <sub>3</sub> , 33% glycerol
Quality Control	Under suggested conditions, ELITE Prestained Protein Ladder resolves 10 major bands in 4-12% Bis-Tris Gel (MES buffer) and after Western blotting on Nitrocellulose 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.

### Ordering Information

Name	Pack Size	Product Code
0.5 ml Elite Pre-stained Protein Ladder	2 x 0.25ml	PAL-EPL-500
2.5 ml Elite Pre-stained Protein Ladder	10 x 0.25ml	PAL-EPL-2500