

Datasheet for ABIN2868250
BLUelf Prestained Protein Ladder



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1 Image

Overview

Quantity:	500 µL
Detection Range:	5 kDa - 245 kDa
Minimum Detection Limit:	5 kDa
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Detection Method:	Colorimetric
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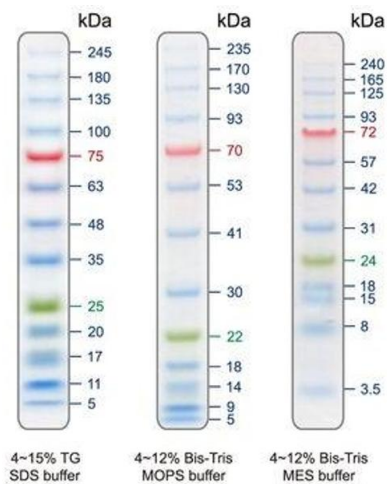
Application Details

Application Notes:	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.
Comment:	The BLUelf Prestained Protein Ladder is a combination of 13 pre-stained proteins with molecular weights from 5 to 245 kDa. The 13 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 BLUelf Prestained Protein Ladder 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.
Reagent Preparation:	Quality Control: Under suggested conditions, BLUelf Prestained Protein Ladder resolves 13 major bands in polyacrylamide gel with appropriate buffers and after Western blotting to nitrocellulose membrane.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Approximately 0.1~0.4 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.
Storage:	4 °C/-20 °C
Storage Comment:	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.
Expiry Date:	24 months

Images



SDS-PAGE

Image 1. Refer to the Blu13 Prestained Protein Ladder patterns in various electrophoresis conditions: