Datasheet for ABIN2868252
BLUeye Prestained Protein Ladder

1	Image

Overview

Quantity:	500 μL
Detection Range:	10-245 kDa
Minimum Detection Limit:	10 kDa
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Detection Method:	Colorimetric

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. 1.5-2.5 μL per well for general Western transfering. BLUeye Prestained Protein Ladder resolves 12 major bands in 15 % SDS-PAGE (Tris-glycine buffer) and after Western blotting to nitrocellulose membrane.
Comment:	The BLUeye Prestained Protein Ladder is a three-color protein standard with 12 pre-stained proteins covering a wide range molecular weights from 10 to 245 kDa. Proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red at 25 kDa and 75 kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer). The BLUeye Prestained Protein Ladder is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The ladder is supplied in gel loading buffer and is ready to use.
Reagent Preparation:	Quality Control: Under suggested conditions, BLUeye Prestained Protein Ladder resolves 12 major bands in 15

Application Details

	% SDS-PAGE (Trisglycine buffer) and after Western blotting to nitrocellulose membrane.
Restrictions:	For Research Use only

Handling

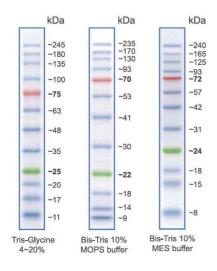|	
Format:	Liquid
Buffer:	Approximately 0.1~0.4 mg/mL of each protein in the buffer (20 mM Tris-phosphate, pH 7.5 at 25 °C), 2 % SDS, 1 mM Dithiothreitol, 3.6 M Urea, and 15 % (v/v) Glycerol). Bis-Tris 10 % Tris-Glycine Bis-Tris 10 % MES buffer 4~20 % MOPS buffer
Storage:	RT
Storage Comment:	Store at 25°C for 6 months, Store at -20°C for 24 months
Expiry Date:	24 months

Images

Image 1.