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BlueAQUA Prestained Protein Ladder



Image



| Overview | |
|--------------------------|--|
| Quantity: | 500 μL |
| Detection Range: | 10-180 kDa |
| Minimum Detection Limit: | 10 kDa |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |
| Product Details | |
| Purpose: | The BlueAQUA Prestained Protein Ladder is a blue protein standard with 11 pre-stained proteins |
| | covering a wide range molecular weights from 10 to 180 kDa. |
| Detection Method: | Colorimetric |
| Characteristics: | Proteins are covalently coupled with a blue chromophore, and two reference bands (at 25 kDa |
| | and 72 kDa respectively) are enhanced in intensity when separated on SDS-PAGE (Tris-glycine |
| | buffer). The BlueAQUA 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. Do not heat, dilute, add reducing |
| | agent before loading. |
| Application Details | |
| Application Notes: | 2 ul or 5 ul per leading for elear vigualization during electrophoragic on 15 well or 10 well mini |

| Application Notes: | - 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 transferring. |
| | - Apply more for thicker (> 1.5 mm) or larger gel. |
| | |

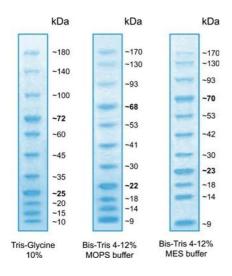
Application Details

| Reagent Preparation: | Quality Control: Under suggested conditions, BlueAQUA Prestained Protein Ladder resolves 11 |
|----------------------|---|
| | major bands in 15 % SDS-PAGE (Tris-glycine buffer) and after Western blotting to nitrocellulose |
| | membrane. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|------------------|---|
| Buffer: | Approximately $0.1\sim0.5$ mg/mL of each protein in the 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). |
| Storage: | -20 °C |
| Storage Comment: | 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 |

Images



SDS-PAGE

Image 1.