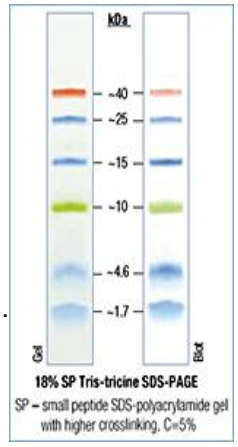
Prestained Dual Color Protein Molecular Weight Marker (1.7-40 kDa)

Catalog# BWR1072

Size: 50 µl

Lot # Check on the product label

Storage: Store at 4°C for 3 months, and at -20°C for long term.



Application

- Monitoring of protein migration during SDS-polyacrylamide gel electrophoresis.
- Verifying Western transfer efficiency.
- Approximate sizing of proteins on SDS-PAGE and Western blots.

Introductions

Prestained protein ladders / marker is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verifying of Western transfer efficiency on PVDF, nylon and nitrocellulose membranes and approximate sizing of proteins. It is composed of 6 prestained recombinant prokaryotic proteins with high-purity. These proteins are stained with 3 different dyes with molecular weights from 1.7 kDa to 40 kDa.

Storage buffer

Each vial contains 62.5 mM Tris-H3PO4 (pH 7.5 at 25°C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN_3 and 33% glycerol.

Protocol

1. Thaw the ladder either at room temperature or at 37°C for a few minutes to dissolve precipitated solids thoroughly. **Do not boil!**
2. Mix gently, but thoroughly, to ensure that the solution is homogeneous.
3. Load the following volumes of the ladder on
   Min SDS-polyacrylamide gel: 5 µl per well, with a thickness of 0.75-1.0 mm
   Large SDS-polyacrylamide gel: 10 µl per well, with a thickness of 0.75-1.0 mm

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