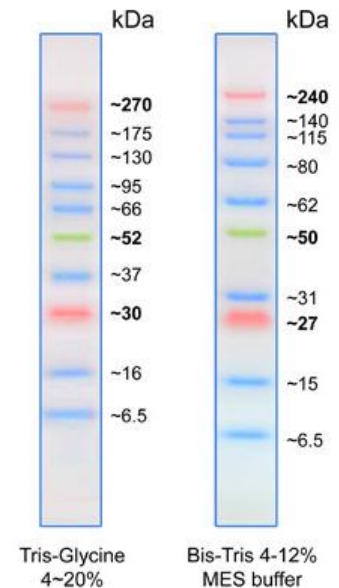


AvansBio Trio-10 Plus Prestained Protein Marker

Description

AvansBio Trio-10 Plus Prestained Protein Marker is a three-color protein standard with 10 prestained proteins covering a wide range of molecular weights from 6.5 to 270 kDa. Proteins are covalently coupled with a blue chromophore except for three reference bands (two orange bands at 30 kDa and 270 kDa and one green band at 52 kDa) when separated on SDS-PAGE (Tris-glycine buffer). AvansBio Trio-10 Plus Prestained Protein Marker is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis and verifying Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The Marker is supplied in the gel loading buffer and is ready to use.



Features

- Broad range: 6.5 - 270 kDa
- Ready-to-use: supplied in a loading buffer for direct loading on gels
- Easy to identify: two orange bands at 30 kDa and 270 kDa and one green band at 52 kDa
- Sharp bands

Quality Control :

Under suggested conditions, Trio-10 Plus Prestained Protein Marker resolves 10 major bands in 4-12% Bis-Tris Gel (MES buffer) and after Western blotting to the 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.

Recommendations for Loading

- 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.

Note: The apparent molecular weight (kDa) of each protein has been determined by calibration



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against unstained protein standards; supplemental data should be considered for more accurate adjustment in different electrophoresis conditions.

All products are for research use only.

Caution: Not intended for human or animal diagnostic or therapeutic uses.