

PRODUCT INFORMATION

SERVA Triple Color Protein Standard I

Cat. no. 39251

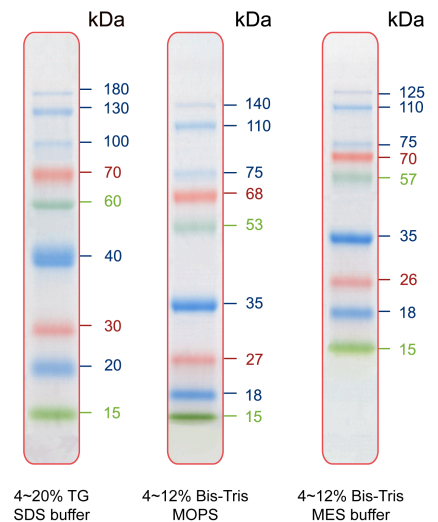
PRODUCT DESCRIPTION

SERVA Triple Color Protein Standard I is a three-color, ready-to-use protein marker. It is a mixture of 9 pre-stained proteins covering a wide range of molecular weights (15 – 180 kDa on Tris-Glycine gels). Due to the covalently bound chromophores, 9 proteins are visible during electrophoresis or Western Blotting.

The chromophore also affects the apparent molecular weight of the proteins in SDS-PAGE, unstained protein standard should be used for accurate molecular weight determination. For easy identification, the **15 kDa & 60 kDa bands are green** and the **30 kDa & 70 kDa bands are red-colored**. All other protein bands are blue-colored.

Application SDS PAGE, Western Blotting

- Features**
- Number of bands: 9
 - Three-colored
 - Broad range size estimation: 15 -180 kDa
 - Easy visualization during electrophoresis and evaluation of western transfer efficiency
 - **Ready-to-use:** No heating to 95 °C, dilution or addition of reducing agents before use.
 - Supplied in a buffer containing 20 mM trisphosphate pH 7.5, 2 % SDS, 0.2 mM dithiothreitol, 3.6 M urea, and 15 % (v/v) glycerol.



Storage Long term storage at -20 °C: Please aliquot in a small volume to avoid repeated freezing and thawing.

Stable for up to 3 months at +4 °C.
Stable for up to 2 weeks at +25 °C.

Usage information Thaw the marker at room temperature or at 37 – 40 °C for a few minutes to dissolve precipitates.

Recommended loading volume on mini gels (10 x 8 cm, 0.75 or 1 mm thick):

- 3 – 5 µl/lane for clear visualization during electrophoresis
- 2 – 3 µl/lane for general Western transfer

For thicker or larger gels, the loading volume has to be increased.