

PRODUCT INFORMATION

SERVA Triple Color Protein Standard III

Cat. No.: 39258

Product Description:

General

SERVA Triple Color Protein Standard III is a three-color, ready-to-use protein marker. It is a mixture of 13 prestained proteins covering a wide range of molecular weights (5 – 245 kDa on Tris-Glycine gels). Due to the covalently bound chromophores, 13 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 25 kDa-band is green- and the 75 kDa band is red-colored. All other protein bands are blue-colored.

Application

SDS PAGE, Western Blotting

Features

- Number of bands: 13
- Three-colored
- Broad range size estimation: 5 – 245 kDa (on Tris-Glycine gels)
- 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, 10 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 and 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
- 1.5 – 2.5 µl/lane for general Western transfer

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

