

PRODUCT INFORMATION

SERVA Triple Color Protein Standard II

Cat. No.: 39257

Product Description:

General

SERVA Triple Color Protein Standard II is a three-color, ready-to-use protein marker. It is a mixture of 10 prestained proteins covering a wide range of molecular weights (10 – 180 kDa on Tris-Glycine gels). Due to the covalently bound chromophores, 10 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. All other protein bands are blue-colored.

Application

SDS PAGE, Western Blotting

Features

- Number of bands: 10
- Three-colored
- Broad range size estimation: 10 -180 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, 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 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

2 – 3 µl/lane for general Western transfer

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

