MINOTECH Semiprestained Protein Marker

Catalogue No	**415 SAMPLE (20 µl)**
Concentration	**… µg/µl**

Store at -20°C.

Description: The semiprestained Protein Marker is a mixture of 8 highly purified unstained proteins and 3 prestained proteins (16, 34, 85 kDa) that resolve into 11 identifiable bands from 14.4-85 kDa when analysed by SDS-PAGE and stained with Coomassie Brilliant Blue R-250, or the protein stain of choice. This marker is intended for use as a precise size standard when performing SDS-PAGE in order to calculate the molecular weight of a protein of your interest and as marker for western blot experiments.

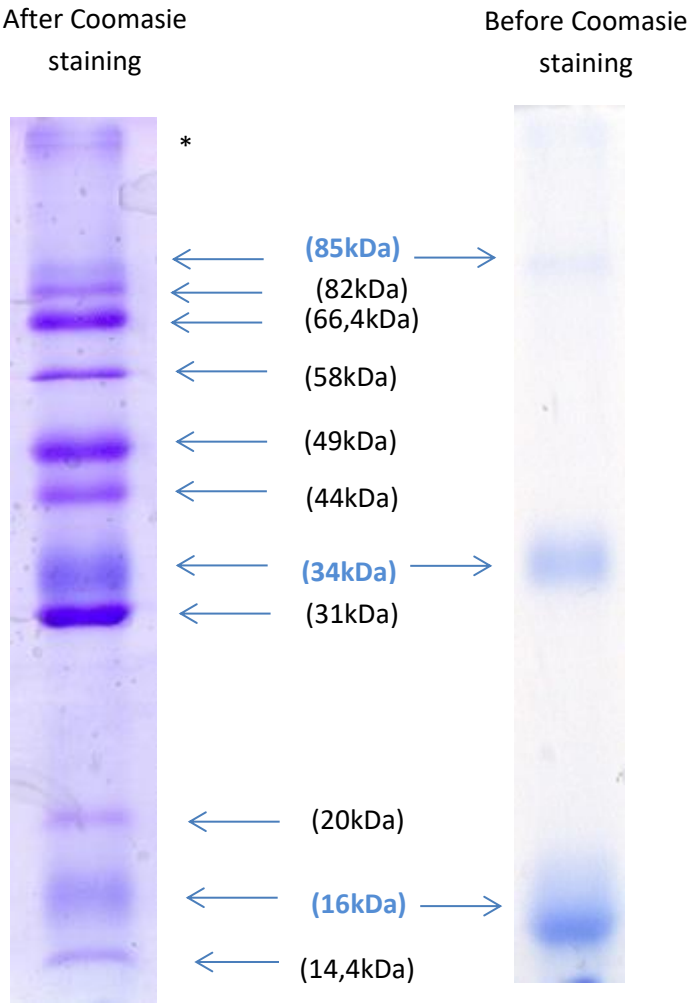
Preparation: Gently mix the semiprestained Protein Marker by vortexing or pipetting up and down several times. Pipette the desired amount (5-7µl/lane) to a separate tube. Incubate at 95-100°C for 5 minutes, spin down and load.

Storage Buffer:

62,5mM Tris-HCl (pH=6,8)
2% SDS
1mM EDT
30% Glycerol
0,01% Bromophenol blue
1mM NaN_3
50mM DTT

Notes:

- Do not boil the aliquots a second time.
- The recommended load is **5-7µl** in a gel lane. Loading less amount may result in less intense bands.
- Run gel using constant voltage, according to manufacturer's specifications
- Run until dye reaches the bottom of the gel, but does not run off



*2 less intense bands appear above 250kDa

MINOTECH BIOTECHNOLOGY