

Smart Protein Standard(Middle-Range) (Cat. No.: MM0900)

Size: 100 Lanes.

Reconstitution: Reconstitute with 500 μ l of ddH₂O before use, 5 μ l of the solution is recommended for each lane of a mini-gel. When reconstituted with 500 μ l of ddH₂O, 5 μ l/lane is equivalent to 250 ng/band.

Description: The Smart Protein Standard is a lyophilized mixture of 6 highly purified recombinant proteins ranging from 15 to 100 kDa (15, 25, 32, 50, 75, 100 kDa). It migrates into six sharp and clear bands when separated by SDS-polyacrylamide gelelectrophoresis (PAGE).

Concentration: 25 μ g of each protein in 60 mM Tris-HCl (pH6.8, 25°C), 0.4% (w/v) SDS, 10 mM DTT, 0.01% (w/v) bromophenol blue and 6% sucrose.

Storage: Store at -20°C or below. After reconstitution, aliquot and store at -20°C or below.

Example: The reconstituted Smart Protein Standard was loaded on a 12% SDS-PAGE gel, the results were shown in the figure to the right.

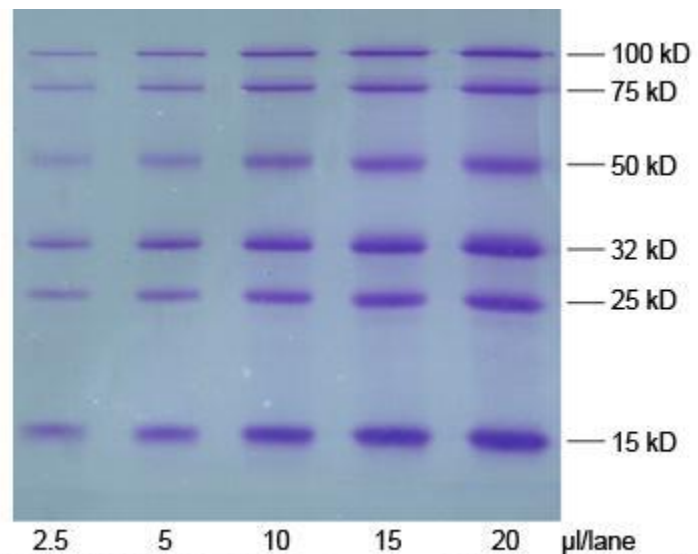


Fig. 1. 12% SDS-PAGE of reconstituted protein standard