

Protein Molecular Weight Markers

Description: Protein Molecular Weight Markers are helpful for sizing proteins by Polyacrylamide gel electrophoresis (PAGE). These are prepared from highly purified and individually screened proteins. They are offered in four ranges.

The bands can be visualized by staining with Coomassie Brilliant Blue R-250. The markers are supplied as solution having each protein at a concentration of 0.5 to 1 mg/ml. The concentrations of individual proteins are adjusted to give bands of comparable intensity. **The low and Broad range markers are required to be run on a gradient gel for better resolution.**

Ready-to-use Protein Molecular Weight Marker

Description: The Ready to use Protein Molecular Weight Marker is a mixture of purified proteins supplied, pre-diluted with sample loading buffer for direct loading to an SDS-polyacrylamide gel (SDS-PAGE). The proteins resolve into sharp bands and can be visualised by Coomassie Blue / Ezee Blue staining.

Proteins Used

Proteins Used	Molecular Weight on SDS PAGE (Da)
Myosin, Rabbit Muscle	205,000
Phosphorylase b	97,400
Bovine Serum Albumin	66,000
Ovalbumin	43,000
Carbonic Anhydrase	29,000
Soyabean Trypsin Inhibitor	20,100
Lysozyme	14,300
Aprotinin	6,500
Insulin (α and β chains)	3,000 (2300 - 3400)

Storage: -20°C

Ordering Information:

Product	Size	Cat #
Protein Molecular Weight Marker		
Broad Range	0.5 ml	105975
Broad Range	0.25 ml	105976
Lower Range	0.5 ml	105978
Medium Range	0.5 ml	105979
Higher Range	0.5 ml	105977
Ready-to-use Protein Molecular Weight Marker		
Medium Range	0.5 ml	106005
Higher Range	0.5 ml	106004