


ProteMix Protein Standard for Estimation of Molecular Weight in SDS-Gel Electrophoresis

Cat. No.: MS 10001

Number of Proteins: 12, two bands intensified *
(dissolved in sample buffer, for Tris/Glycine and Tris/Tricine gels)
Range: 2,5 – 220 kDa
Overall Volume: 1 ml
Application Volume: 5 µl (1 mm gel thickness, 5 mm width of well, Coomassie detection)
Shelf Life: 6 months
Storage: 2 – 8°C
Handling: incubate solution for 10 min at room temperature or warm for 2 min in palm of the hands

Fig.: Migration pattern of ProteMix on an anamed Gel Tris/Glycine/SDS 4 – 20 %, 1.0 mm



Protein	Organism	Tissue	Molecular Weight (kDa)
Myosin	Oryctol. cuniculus	muscle	220
β-Galactosidase	Escherichia coli		116
Glycogen-Phosphorylase	Oryctol. cuniculus	muscle	97,0
Albumin*	Bos taurus	serum	66,0
Glutamate Dehydrogenase	Bos taurus	liver	55,6
Lactate Dehydrogenase	Sus scrofa	muscle	36,5
Carbonic Anhydrase	Bos taurus	erythrocyt.	29,0
Trypsin inhibitor	Glycine max		20,0
Lysozyme*	Gallus gallus	egg white	14,0
Aprotinin	Bos taurus	lung	6,1
Insulin b	Bos taurus	pancreas	3,4
Insulin a	Bos taurus	pancreas	2,5