

Prestained Molecular Weight Markers

ORDERING INFORMATION

Catalog Number: MW002

Lot Number: FIR02

Size: 500 μ L

Formulation: solution in Reducing Sample Buffer

Storage: -20° C

Application: Western blot

Preparation

This preparation contains a mixture of seven individually blue dye-conjugated proteins (rabbit Phosphorylase-b, BSA, bovine Catalase, recombinant human Annexin V, Trypsin Inhibitor, recombinant human TNF- α and Aprotinin). The molecular weights of the prestained proteins were individually calibrated against the non-stained protein marker standards.

Formulation

Supplied as a ready to use solution in Reducing Sample Buffer (0.02 M dithiothreitol, 20% glycerol, 0.125 M Tris, 0.69 M SDS, 0.01% bromophenol blue).

Storage

This marker is stable for up to six months when stored at -20° to -70° C in a manual defrost freezer. **Avoid repeated freeze-thaw cycles.**

Application

This product is designed for use as prestained molecular weight markers in Western blots.

The proteins were combined to produce seven bands of approximately equal intensity after separation. Protein markers should be thawed completely, boiled for 5 minutes and mixed thoroughly prior to use. Load 5 μ L/lane for mini-gels and 10 μ L/lane for full-sized gels. Typical results after separation in 15% SDS gel and blotting on PVDF membrane are shown.

Phosphorylase-b	122.0 kDa -		- 94.0 kDa	BSA
Catalase	65.0 kDa -			
Annexin V	39.0 kDa -			
Trypsin Inhibitor	23.0 kDa -			
rhTNF- α	19.0 kDa -			
Aprotinin	7.0 kDa -			