

Premixed Protein Marker (Broad)

Code No. 3597A Size: 500 μ l

Description:

Premixed Protein Marker (Broad) consists of nine different thermally denatured proteins with molecular weights between 6.5 kDa and 200 kDa. The amount of each protein is normalized to yield uniform band intensities when this marker is analyzed by SDS-PAGE and stained with Coomassie Brilliant Blue R-250. This marker contains of 0.9 μ g of protein per microliter. Five μ l of this marker is loaded per lane of an SDS-PAGE minigel for standard use, providing sufficient marker for 100 lanes.

Component:

Premixed Protein Marker (Broad) 500 μ l

Storage: -20°C

Proteins:

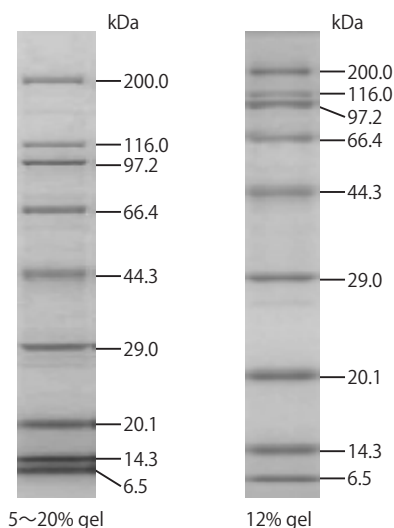
Proteins	Origin	MW (Da)
Myosin	Pig	200,000
β -galactosidase	<i>E. coli</i>	116,000
Phosphorylase B	Rabbit muscle	97,200
Serum Albumin	Bovine	66,409
Ovalbumin	Hen egg white	44,287
Carbonic anhydrase	Bovine	29,000
Trypsin inhibitor	Soybean	20,100
Lysozyme	Hen egg white	14,300
Aprotinin	Bovine pancreas	6,500

Note:

It is recommended to use a 5% - 20% gradient SDS-polyacrylamide gel for electrophoresis. If the gel concentration is too low, then low molecular weight bands may migrate faster than BPB. If the gel concentration is too high, then higher molecular weight bands may not separate well.

Application Example:

1. Load 5 μ l of marker per lane of a 5% - 20% gradient SDS-PAGE minigel.
2. After electrophoresis, stain the gels with Coomassie Brilliant Blue R-250.



Note

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals. Also, do not use this product as food, cosmetic, or household item, etc. Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from Takara Bio Inc.

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