

PRODUCT INFORMATION

Product Name: DynaMarker® Protein MultiColor Stable, Large

Code No: DM660L

Lot No: *****

Size: 600 µl × 5 (DM660 × 5) (600 mini-gel lanes)

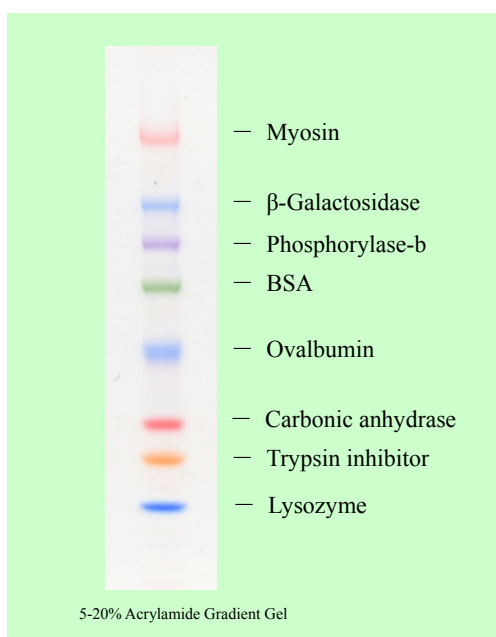
Storage: 4 °C

Stability: 12 months at 4 °C

Storage Buffer: Tris-HCl (pH6.8), EDTA, Glycerol, SDS

Description

The DynaMarker® Protein MultiColor Stable is a pre-stained protein molecular weight marker. The marker has a remarkable feature that it is possible to store at 4 °C. It is easy to start electrophoresis with the marker, because it is always in a liquid state while stored at 4 °C. The DynaMarker® Protein MultiColor Stable consists of eight prestained proteins. Each of them are stained red, blue, purple, green or orange, ranging in apparent molecular weight from approximately 17 kDa to 230 kDa. The DynaMarker® Protein MultiColor Stable is suitable for visualizing proteins during electrophoresis without staining and for monitoring electrophoretic transfer onto membranes. The protein concentrations are optimized to give uniform band intensities. The marker is supplied in gel loading buffer for direct loading onto SDS-PAGE without heating or adding reducing agents.



Protocol

1. Take the marker out of refrigerator.
2. Load 5 µl for mini-gels or more for large size gels.
3. Load your samples.
4. Start electrophoresis.

Note: There is no need to heat or add reducing agents.

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Contents

Protein	Color	Apparent molecular weight (kDa) *
Myosin	Red	230.0
β -Galactosidase	Blue	140.0
Phosphorylase-b	Purple	96.0
BSA	Green	73.0
Ovalbumin	Blue	46.0
Carbonic anhydrase	Red	31.0
Soybean trypsin inhibitor	Orange	26.0
Lysozyme	Blue	18.0

Apparent molecular weights are lot specific. Please refer to the attached document to each DynaMarker Protein MultiColor Stable for these exact molecular weights.

Note: As covalently bound dye affects protein mobility, each batch of prestained protein marker is calibrated against unstained standards. A prestained protein marker should be used for approximate molecular weight determination. For precise molecular weight determination use an unstained molecular weight marker.

* : The apparent molecular weight values are lot specific.

CBB Staining

Because highly purified proteins in the DynaMarker[®] Protein MultiColor Stable are bonded to high quality dye covalently and stoichiometrically. The bands in the marker are clarified and sharp and appear of approximately equal intensity without extra-bands even after coomassie staining.

