

PRODUCT INFORMATION

Product Name: DynaMarker[®] Protein MultiColor III

Code No: DM637

Lot No: *****

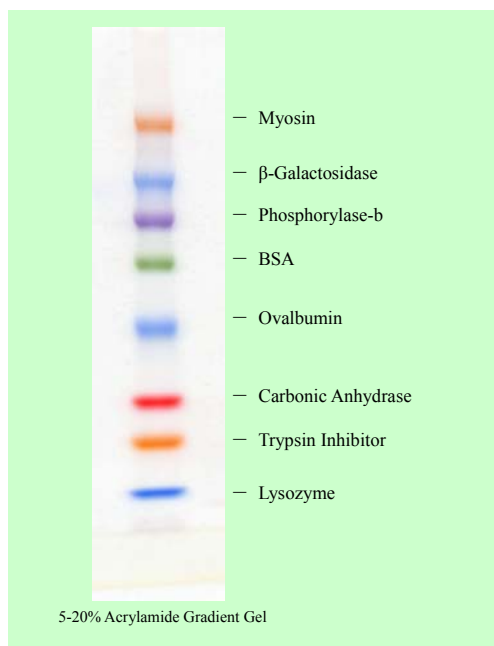
Size: 600µl (120 mini-gel lanes)

Storage: Store at -20°C

Storage Buffer: 10mM TrisHCl (pH7.0), 2mM EDTA, 1% SDS, 10mM DTT, 10% glycerol

Description

DynaMarker[®] Protein MultiColorIII consist of eight proteins, prestained orange, blue, purple, green or red, ranging in apparent molecular weight from approximately 15 kDa to 230 kDa. It 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 maker is supplied in gel loading buffer for direct loading onto SDS-PAGE without heating or adding reducing agent.



Protocol

1. Thaw DynaMarker[®] Protein MultiColorIII completely before use.
2. Load 5 µl for mini-gels or more for large size gels.
3. Load your samples.
4. Start electrophoresis.

Note: There no need to heat or add reducing agent.

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Contents

Protein	Color	Apparent molecular weight (kDa) *
Myosin	Orange	—
β-Galactosidase	Blue	—
Phosphorylase-b	Purple	—
BSA	Green	—
Ovalbumin	Blue	—
Carbonic Anhydrase	Red	—
Soybean Trypsin Inhibitor	Orange	—
Lysozyme	Blue	—

Note: 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 ^{DynaMarker}Protein MultiColorIII were bonded to high quality dye covalently and stoichiometrically and protein is adjusted to approximately equal amount, sharp and clarified bands with uniform intensity appear without extra-bands even after coomassie staining.

