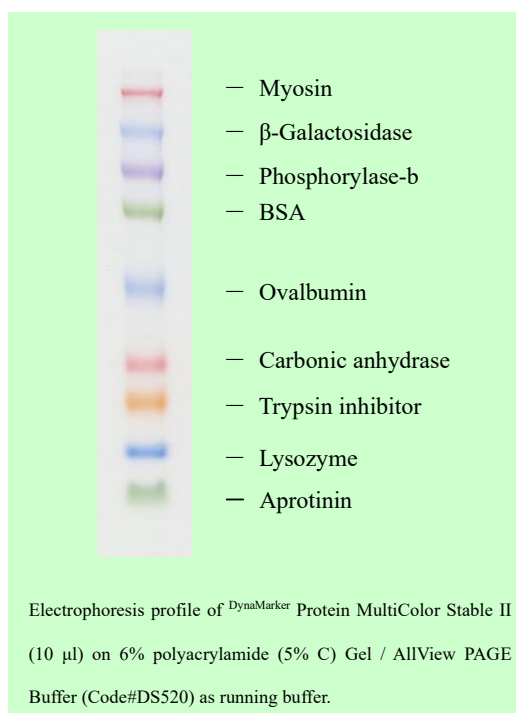**Product Name:** ^{DynaMarker} Protein MultiColor Stable II

Code No: DM660L

Lot No: 009CE08

Size: 1.2 ml ×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 II is a pre-stained protein molecular weight marker. The marker has a remarkable feature that it is possible to store at 4 °C. The feature allow us to start electrophoresis with the marker, because it is always in a liquid state while stored at 4 °C. The ^{DynaMarker} Protein MultiColor Stable II consists of nine prestained proteins. Each of them are stained red, blue, purple, green or orange, ranging in apparent molecular weight from approximately 8 kDa to 230 kDa. The ^{DynaMarker} Protein MultiColor Stable II 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.

- Myosin
- β-Galactosidase
- Phosphorylase-b
- BSA

- Ovalbumin

- Carbonic anhydrase
- Trypsin inhibitor

- Lysozyme
- Aprotinin

Electrophoresis profile of ^{DynaMarker} Protein MultiColor Stable II (10 μl) on 6% polyacrylamide (5% C) Gel / AllView PAGE Buffer (Code#DS520) as running buffer.

Protocol

1. Take the marker out of refrigerator.

2. Load 10 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 | Apparent molecular weight (kDa) * | |
	Tris-Glycine-SDS buffer (Laemmli running buffer)	AllView PAGE Buffer (Code#DS520)
Myosin	249	250
β-Galactosidase	137	141
Phosphorylase-b	96	100
BSA	73	71
Ovalbumin	46	45
Carbonic anhydrase	31	30
Soybean trypsin inhibitor	26	25
Lysozyme	18	17
Aprotinin	6.3	8.4

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 and depends on the electrophoresis running buffer.

Related Products

Code	Product Name	Description
DS520	AllView PAGE Buffer	AllView PAGE Buffer is a new type of running buffer for SDS-PAGE electrophoresis. This buffer is possible to separate proteins with wide range of molecular weights in the basic Laemmli gel (Tris-HCl) similar to using "gradient gel".

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