



YamayBio

Multicolor Low Range Protein Ladder 1.2-40 kDa

USER MANUAL

For research use only.
Not for use in diagnostic procedures.



Contents and Storage

Multicolor Low Range Protein Ladder 1.2 to 40 kDa

CY5461-50 50 μ L


CY5461-250 50 μ L \times 5

Storage: Store at 4 °C for 6 months or store at -20 °C for 24 months.
The product is shipped at room temperature.

Introduction

This product contains seven distinct protein bands ranging from 1.2 to 40 kDa (1.2, 4.2, 7.5, 15, 20, 30, and 40 kDa). The 20 kDa band is prestained with a green dye, allowing real time monitoring of electrophoretic migration and rapid estimation of protein molecular weight.

Instructions for Use

- Multicolor Low Range Protein Ladder 1.2-40 kDa is provided in sample buffer, ready to load, with no dilution required.
 - Allow the tube to equilibrate to room temperature and mix thoroughly before use to make sure that any precipitated material is fully dissolved.
 - Do not heat the product above room temperature.
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Multicolor Low Range Protein Ladder 1.2 to 40 kDa



16% Tricine-SDS PAGE

Recommended Loading Volumes

Load Volume	Application
5-7 μ L	Blotting Mini gels (8.3 \times 6.4 cm) and Midi gels (13.3 \times 8.7 cm)
7-10 μ L	Large gels (18.3 \times 19.3 cm) electrophoresis and 1.5 mm thick gels

Migration Patterns of Prestained Protein Ladders

Gel type		Tris-Glycine						Bis-Tris					
Gel concentration		6%	7.5%	10%	12.5%	15%	4-20%	8%	10%	12%	4-12%	4-20%	
Running buffer		Tris-Glycine						MOPS					
		Apparent Molecular Size (kDa)											
% Length of gel ↓	10												
	20												
	30												
	40												
	50												
	60												
	70												
	80												
	90												
	100												

Related Products

Product	Cat. No.	Quantity
All-in-One Low Range Protein Gel Kit, Tricine-PAGE, 10%	RF1531	10 Assays
All-in-One Low Range Protein Gel Kit, Tricine-PAGE, 16%	RF1532	10 Assays
Stain Free Gradient-like PAGE Gel Kit	RF1541	100 Assays
One-Step Stain-Free PAGE Gel Rapid Preparation Kit, 6%	RF1521	100 Assays
One-Step Stain-Free PAGE Gel Rapid Preparation Kit, 7.5%	RF1522	100 Assays
One-Step Stain-Free PAGE Gel Rapid Preparation Kit, 10%	RF1523	100 Assays
One-Step Stain-Free PAGE Gel Rapid Preparation Kit, 12.5%	RF1524	100 Assays
One-Step Stain-Free PAGE Gel Rapid Preparation Kit, 15%	RF1525	100 Assays