

Tri-color Prestained Protein Ladder

REF

DIPM001-500
Size: 500µL

PRODUCT DATASHEET

INTENDED USE

The **Tri-color Prestained Protein Ladder** is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximate sizing of proteins.

KIT CONTENTS

Cat. No.	Components
DIPM001-500	500µl x 1 vial

STORAGE BUFFER:

62.5 mM Tris-H₃PO₄ (pH 7.5 at 25 °C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN₃, 33% glycerol.

STORAGE CONDITION:

Stable for up to 2 weeks at 25°C.
Stable for up to 3 months at 4°C.
Stable for up to 24 months at -20°C.

PRODUCT DESCRIPTION

The **Tri-color Prestained Protein Ladder** is a combination of 10 pre-stained proteins with molecular weights from 6.5 to 270 kDa. The 10 recombinant proteins are covalently coupled with blue chromophore, while 2 orange bands at 30 kDa and 270 kDa and a green band at 52 kDa serve as reference bands. The Tri-color Prestained Protein Ladder keeps track of the size and separation of proteins during SDS-polyacrylamide gel electrophoresis, approximating protein size and validating Western transfer efficiency on PVDF, nylon, or nitrocellulose membranes.

REQUIRED MATERIAL BUT NOT PROVIDED

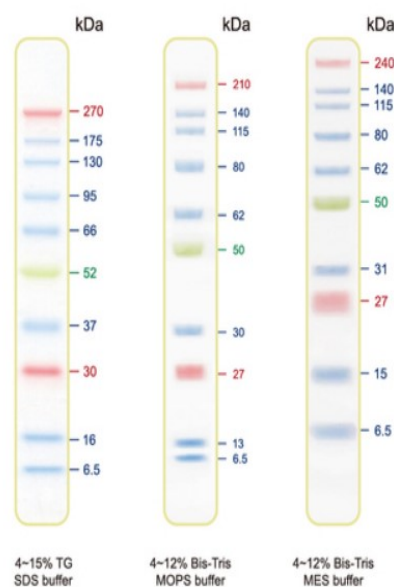
- Vertical Electrophoresis system
- Power supplies
- Vortex or equivalent
- Microcentrifuge

REACTION SETUP

3µl or 5µl per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively. 2.5µl per well for general Western transferring.

Guide for Molecular Weight Estimation (kDa)

Refer to the Tri-Color Prestained Protein Ladder patterns in various electrophoresis conditions:



IMPORTANT NOTES

The molecular weight of each protein (kDa) was measured against an unstained protein ladder in every electrophoresis condition. Additional data should be considered for a more accurate adjustment.

QUALITY CONTROL

The quality of the Tri-color Prestained Protein Ladder is tested on a lot-to-lot basis to ensure consistent product quality.

*** *** *** *** ***

Tri-color Prestained Protein Ladder

REF DIPM001-500
Size: 500µL

PRODUCT DATASHEET



DEEYA INDUSTRIES
Phone: +91-8595-222-053
Email: support@deeyaindustries.com
www.deeyaindustries.com



NOTE: Please consult the Product MSDS for information regarding hazards and safe handling practices.

For Research Use Only.

LABReCON is the trade mark of Deeya Industries.

Symbol References:

	Catalogue Number
	Kit Lot No.
	Expiry
	CE Mark –Device Complies with the MDD (93/42/EEC)
	Instruction for Use
	Sterile
	Manufacturer
	Manufacturing date

DISCLAIMER:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related DEEYA INDUSTRIES™ Publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. DEEYA INDUSTRIES™ reserves the right to make changes to specifications and information related to the products at any time.

Products are NOT intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.