

TriColor Broad Protein Ladder (3.5–245 kDa)

LOT: See product label

EXPIRY DATE: See product label

ORDERING INFORMATION

CAT. NO.	SIZE	PACKAGE CONTENT
BR0900101	100 lanes	2 × 250 µl TriColor Broad Protein Ladder (3.5–245 kDa)

COMPONENT

COMPOSITION

TriColor Broad Protein Ladder (3.5–245 kDa) Ready-to use protein ladder containing 0.1 – 0.4 mg/ml of each protein in 20 mM Tris-phosphate, pH 7.5, 2 % SDS, 0.2 mM DTT, 3.6 M urea, and 15% (v/v) glycerol.

STORAGE

–20°C (until expiry date – see product label)

FEATURES

- Ready-to-use prestained protein ladders covering 3.5–245 kDa ranges
- Pure and stable — retain sharp bands after 3 months storage at 4°C
- Protein bands in three colors with easily recognizable colored reference bands

APPLICATIONS

- Approximate protein sizing on SDS PAGE and western blots
- Monitoring protein gel electrophoresis and western transfers

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DESCRIPTION

biotechrabbit™ TriColor Broad Protein Ladder facilitates approximate molecular-weight estimation of proteins on denaturing polyacrylamide gels, monitoring protein separation during electrophoresis and verification of western transfer efficiency to membranes (polyvinylidene difluoride, nylon or nitrocellulose). The ladder provides three colored reference bands.

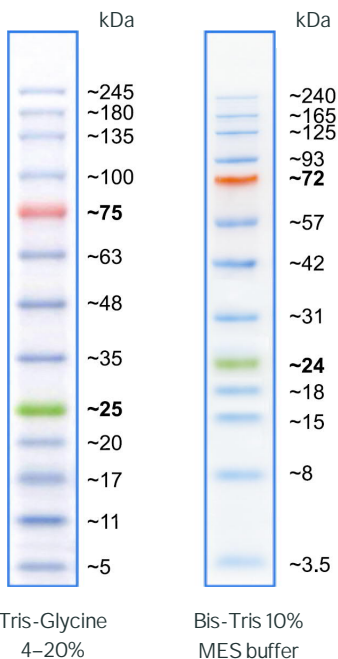
TriColor Broad Protein Ladder is ready for immediate use and is notably stable: sharp bands are produced after storage for 2 weeks at room temperature or 3 months at 4 °C, eliminating the need to thaw before loading.

TRICOLOR BROAD PROTEIN LADDER

Range: 3.5 – 245 kDa

Reference: ~25 and ~75 kDa

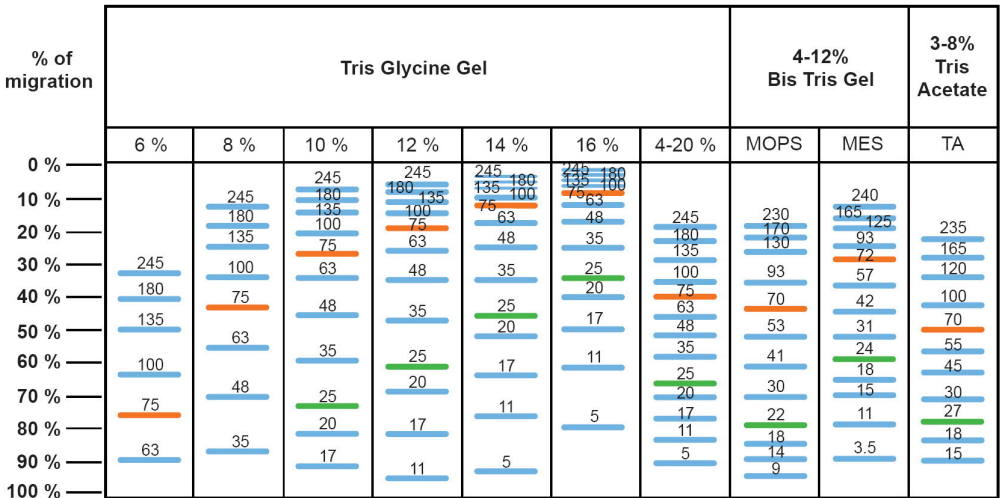
Number of bands: 13



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GUIDE FOR MOLECULAR WEIGHT ESTIMATION (KDA)

Migration patterns of TriColor Broad Protein Ladder (3.5–245 kDa) in different electrophoresis conditions.



The apparent molecular weight (kDa) of each protein has been determined by calibration against unstained protein standards.

PROTOCOL

COMPONENT	LOADING VOLUME	ACTIONS BEFORE LOADING
TriColor Broad Protein Ladder (3.5–245 kDa)	3 or 5 µl for 15 or 10-well mini-gel, respectively. 1.5 or 2.5 µl for Western transfer. <i>Apply more for thicker (>1.5 mm) or larger gels.</i>	Direct loading

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CERTIFICATE OF ANALYSIS

Functional assay

Appearance of all stated bands tested in SDS-Polyacrylamide gel electrophoresis.

Quality confirmed by: Head of Quality Control

SAFETY INSTRUCTIONS

For safety instructions please see Safety Data Sheets (SDS)/Sicherheitshinweise finden Sie in den SDS unter: <http://www.biotechrabbit.com/support/documentation.html>.

USEFUL HINTS

- Visit Applications at www.biotechrabbit.com for more products and product selection guides.
- Most biotechrabbit products are available in custom formulations and bulk amounts.

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