

Quick Start Guide

mPAGE® Color Protein Standard

MPSTD4 500µl/vial

Product Description

mPAGE® Color Protein Standard is a mixture of ten highly purified pre-stained proteins covalently coupled with different red, blue, and yellow chromophores. mPAGE® Color Protein Standard is designed for observing protein separation during SDS-PAGE, verifying western transfer efficiency on membranes, and approximating the size of proteins. As with all protein standards with chromophores, the migration range will differ depending on the gel chemistry used to separate. Always use an unstained protein standard for best protein size approximation.

Recommendations

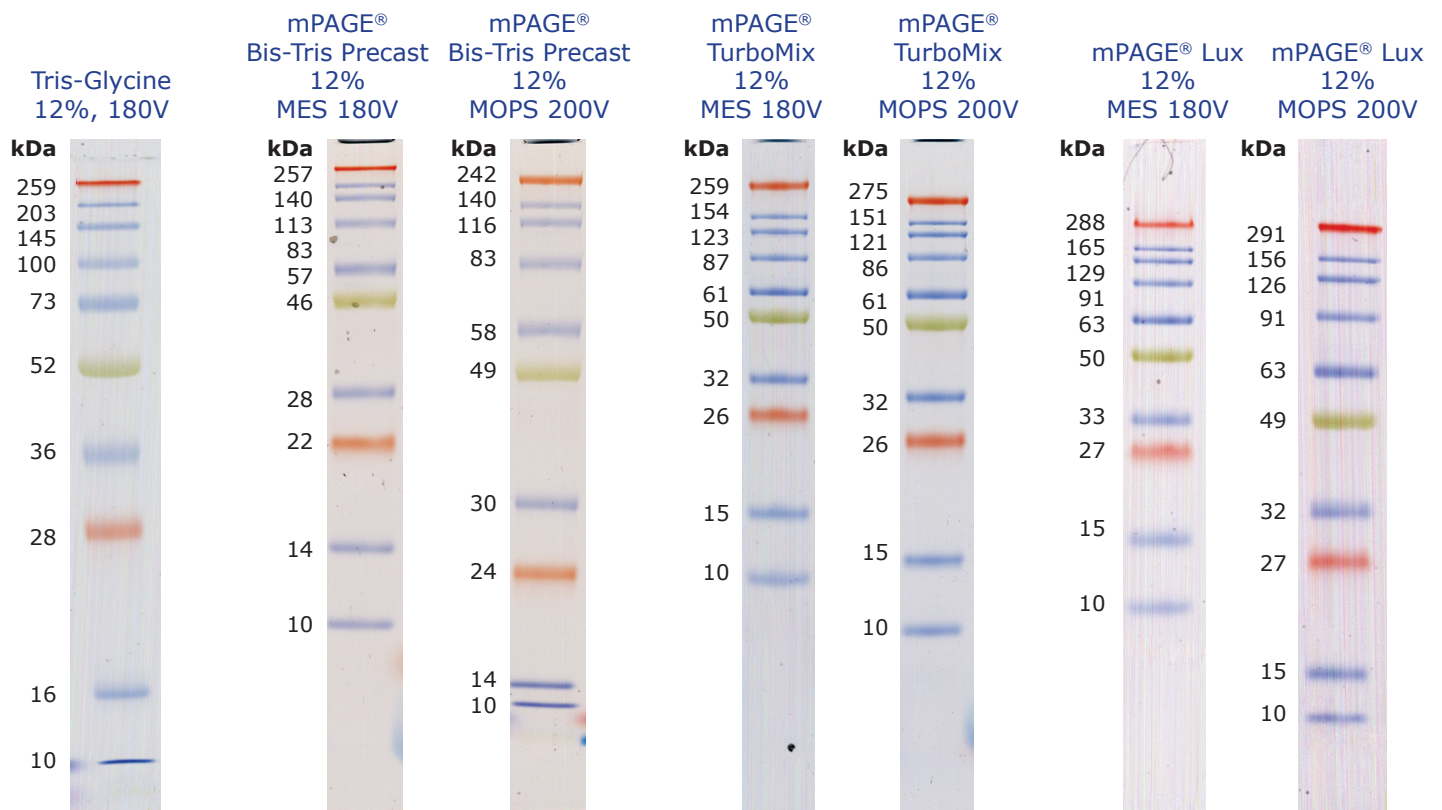
1. Completely thaw and mix this product at room temperature before using.
2. This product is only suitable for rough estimation of protein molecular weight.

Storage

Store at -20 °C for long term storage, 4 °C for up to 3 months, or 25 °C for up to two weeks.

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.



Suggested Load: 2.5 µL to 10 µL

Notice

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

The information in this document is subject to change without notice and should not be construed as a commitment by the manufacturing or selling entity, or an affiliate. We assume no responsibility for any errors that may appear in this document.

Technical Assistance

Visit the tech service page on our web site at SigmaAldrich.com/TechService.

Terms and Conditions of Sale

Warranty, use restrictions, and other conditions of sale may be found at SigmaAldrich.com/Terms.

Contact Information

For the location of the office nearest you, go to SigmaAldrich.com/Offices.

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

MilliporeSigma, Millipore, mPAGE and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.
© 2023 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

Document Template 00035533 Ver 1.0

20426178w Ver 3.0, 20432627 Ver 3.0 Rev 30JUL2024, ab