

HyperPAGE Prestained Protein Marker

Protein Marker: ~10kDa to 190kDa

Shipping: On Dry/Blue Ice Catalog Numbers

Batch No.: See vial

BIO-33065: 10-20 lanes

BIO-33066: 50-100 lanes



A Meridian Life Science® Company

Store at -20°C

Storage and Stability:

Lyophilized HyperPAGE is shipped on dry/blue ice. On arrival store at -20°C for optimum stability. Once reconstituted with water, store at -20°C for three months. Avoid multiple freeze/thaw cycles.

Expiry:

When stored under the recommended conditions and handled correctly, quality is retained until the expiry date on the outer box label.

Safety precautions:

Please refer to the material safety data sheet for further information.

Quality control specifications:

HyperPAGE is extensively tested for quality prior to release.

Notes:

Research use only.

Reconstituted: ___/___

Use By: ___/___

See Box Label for Calibrated Molecular Weights

Description

HyperPAGE is a broad range prestained protein marker containing 9 purified recombinant proteins with molecular weights ranging from 10kDa to 190kDa. The proteins are prestained with fluorescent dyes and resolve into 4 blue and 5 pink bands with uniform intensity, for easy visualization and orientation.

HyperPAGE is suitable to monitor the efficiency of electrophoretic migration in SDS-PAGE and the transfer of proteins from gel to membrane in Western blotting without the addition of dye. Prestained protein markers are suitable for determining the approximate molecular weights of proteins.

Product components

Reagent	10-20 lanes	50-100 lanes
HyperPAGE Prestained Protein Marker	100µl	500µl

Usage in Polyacrylamide Gel Electrophoresis

First time use: Add 100µl or 500µl water to the tube. Warm briefly to 37°C and mix well.

Load 10µl per well on a standard polyacrylamide gel and 5µl per well on a mini-gel. Aliquot and store at -20°C.

Subsequent use: Thaw aliquot and use directly.

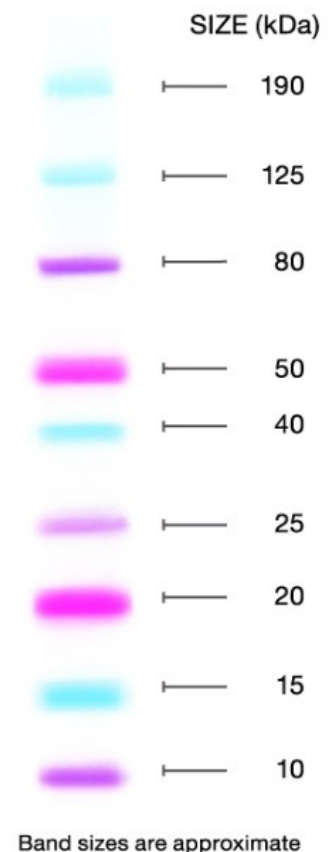
Important Considerations

Prestained proteins may display a different mobility in different SDS-PAGE buffer systems. Each buffer system has a slightly different pH which affects the charge of a protein and its binding capacity for SDS. However, they are suitable for approximate molecular weight determination when calibrated against unstained standards in the same system. For accurate sizing, the use of unstained markers is recommended.

Technical support

If the troubleshooting guide does not solve the difficulty you are experiencing, please contact Technical Support with details of reaction setup, cycling conditions and relevant data.

Email: tech@bioline.com



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