Novex® Sharp Unstained Protein Standard



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Package contents

Catalog Numbers LC5801 **Size:** 2 × 250 µL



e ■ Store at -20°C.

Avoid repeated freezing and thawing.



Required materials

Polyacrylamide gel(s)

Electrophoresis apparatus for protein analysis

Appropriate sample buffer (when silver staining)



Selection guide

Unstained Protein Standards

Go online to view related products.

 Novex® Sharp Unstained Protein Standard allows you to accurately determine molecular weight of proteins using SDS-PAGE electrophoresis.



Product description SDS-PAGE electrophoresis.
This standard consists of 12 protein bands ranging in molecular weight from 3.5–260 kDa.

Note: The 3.5 kDa band is only visible on Bolt $^{\text{\tiny M}}$ or NuPAGE $^{\text{\tiny B}}$ gels with MES running buffer or Tricine gels.

Storage buffer: 65 mM Tris (pH 6.8), 30% glycerol, 2% SDS, 2.5 mM EDTA, 0.0025% Coomassie G-250





Important guidelines Visualize bands using SimplyBlue[™], Coomassie, SYPRO[®], or silver staining techniques.

 DO NOT apply heat or add a reducing agent. Novex[®] Sharp Unstained Standard is supplied ready-to-use.



Online

Visit our product page for additional information and protocols. For support, visit www.lifetechnologies.com/support.



For Research Use Only. Not for use in diagnostic procedures.

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kDa

260

160

110

80

Thaw the standard at room temperature.
Vortex gently to ensure the solution is homogeneous.

Novex® Sharp Unstained Protein Standard Protocol

3. (Silver staining only) Dilute the standard 1:10 in 1X Sample Buffer.

4. Load the standard on the gel (see table for recommended volumes).

Gel Type	Volume
Mini gel (1.0-mm thick)	5 μL
Mini gel (1.5-mm thick)	7 μL
Midi gel (12+2 well; sample/marker well)	10 μL/5 μL
Midi gel (20 well)	8 μL
Midi gel (26 well)	5 μL

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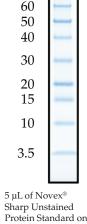
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5 µL of Novex® Sharp Unstained Protein Standard or a Bolt™ 4–12% Bis-Tris Plus Gel with MES SDS Running Buffer

Stain: SimplyBlue™ SafeStain.

