# Novex® Sharp Pre-Stained Protein Standard



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Package contents

Catalog Numbers LC5800 **Size:** 2 × 250 μL



Storage conditions

• Store at  $-30^{\circ}$ C to  $-10^{\circ}$ C.

Avoid repeated freezing and thawing.



Required materials

Polyacrylamide gel(s)

Electrophoresis apparatus for protein analysis



Selection guide

Pre-Stained Protein Standards

Go online to view related products.



Product description  Novex® Sharp Pre-Stained Protein Standard allows you to accurately determine molecular weight and evaluate western transfer efficiency during electrophoresis.

- This standard consists of 12 pre-stained protein bands ranging in molecular weight from 3.5–260 kDa.
- Storage buffer: 65 mM Tris pH 6.5, 30% glycerol, 2% SDS, and 2.5 mM EDTA.



Important guidelines

 Use with NuPAGE®, Tris-Glycine, and Tricine gels. Click here to view our online Protein Gel Selection Guide.

 DO NOT apply heat or add a reducing agent. Novex® Sharp Pre-Stained Protein Standard is supplied ready-touse.



Online resources

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.

18 March 2014

# Novex® Sharp Pre-Stained Protein Standard Protocol

### Protocol

- 1. Thaw the standard at room temperature.
- 2. Vortex gently to ensure the solution is homogeneous.
- Load the standard on the gel (see table for recommended volumes).

Gel Type	Appli	cation
	Electrophoresis	Blotting
Mini gel (1.0-mm thick)	10 μL	5 μL
Mini gel (1.5-mm thick)	12 µL	6 μL
Midi gel (12+2 well sample well)	14 µL	7 μL
Midi gel (26-well or 12+2 well marker well)	5 μL	2.5 μL
Midi gel (20-well)	8 μL	4 μL

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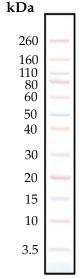
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10 μL of Novex® Sharp Pre-Stained Protein Standard on a NuPAGE® 4–12% Bis-Tris Gel with MES SDS Running Buffer

