

Publication Part No. LC5800.PPS Publication No. MAN0007921 Rev C.0

 Package contents	Catalog Numbers LC5800	Size: 2 × 250 µL
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 Storage conditions	<ul style="list-style-type: none"> Store at -30°C to -10°C. Avoid repeated freezing and thawing. 	
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 Required materials	<ul style="list-style-type: none"> Polyacrylamide gel(s) Electrophoresis apparatus for protein analysis 	
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 Selection guide	Pre-Stained Protein Standards Go online to view related products.	
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 Product description	<ul style="list-style-type: none"> 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. 	
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 Important guidelines	<ul style="list-style-type: none"> 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-to-use. 	
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 Online resources	Visit our product page for additional information and protocols. For support, visit www.lifetechnologies.com/support .	
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For Research Use Only. Not for use in diagnostic procedures.

18 March 2014

Protocol

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

Gel Type	Application	
	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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kDa

 260
160
110
80
60
50
40
30
20
15
10
3.5


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


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