MagicMark™ XP Western Protein Standard



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Package contents **Catalog Numbers** LC5602 LC5603

Size: 250 uL 50 uL

Storage conditions Store at -30°C to -10°C.

Avoid repeated freezing and thawing.



Required materials Polyacrylamide gel(s)

Electrophoresis apparatus for protein analysis



Selection auide

Protein Standards and Ladders

Go online to view related products.



Product

■ MagicMark[™] XP Western Protein Standard allows protein standard bands to be developed concurrently with sample bands during the normal course of western detection by using standard proteins that posses an IgG binding site.

- This standard consists of 9 recombinant proteins ranging in molecular weight from 20-220 kDa.
- Storage buffer: 125 mM Tris-HCl (pH 6.8), 10 mM DTT, 17.4% glycerol, 3% SDS, and 0.025% bromophenol blue.
- Use with SDS-PAGE gels. Click here to view our online Protein Gel Selection Guide.



Important auidelines

- Visualize on membranes using alkaline phosphatase or peroxidase conjugated antibody and chromogenic, chemiluminescent, or fluorescent substrates.
- Visualize on gels using SimplyBlue™ SafeStain or other Coomassie stains
- DO NOT apply heat or add a reducing agent. This standard is supplied ready-to-use.



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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.

MagicMark™ XP Western Protein Standard Protocol

Protocol

- 1. Thaw the standard at room temperature.
- Vortex gently to ensure the solution is homogeneous.
- (Optional) Mix with a pre-stained standard as follows:
 - 5 µL MagicMark™ XP Standard with 5 µL Novex® Sharp Pre-Stained Standard (Cat. no. LC5800), OR
 - 10 µL MagicMark™ XP Standard with 5 µL SeeBlue® Pre-stained Standard (Cat. no. LC5625).
- 4. Load 5-10 µL of standard for a 10-well gel.*
- * Actual amount will vary according to the antibody host species and the sensitivity of the detection system.

Host Species	Affinity
Human, Horse, Cow	++++
Pig, Rabbit	+++
Goat, Sheep, Hamster, Guinea Pig, Rat, Mouse	++
Chicken	+

Limited product warranty

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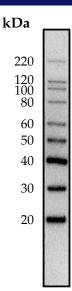
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5 µL of MagicMark™ XP Western Protein Standard on a Bolt™ 10% Bis-Tris Plus Gel (chemiluminescent detection of PVDF membrane).

