

AceColor Prestained Protein Marker (1.5-40 kDa)

Cat# A1059 – 2 x250 μ l

Storage at -20°C

INFORMATION

ACE Biolabs AceColor Prestained Protein Ladder is a mixture of 8 blue-, a orange-, and a green-stained proteins (1.5 to 40 kDa) for use as size standards in protein electrophoresis (SDS-PAGE) and Western blotting. The protein ladder is supplied in a ready-to-use format for direct loading onto gels; no need to heat, reduce, or add sample buffer prior to use.

APPLICATIONS

- Monitoring protein migration during SDS-PAGE.
- Monitoring protein transfer efficiency on membranes after Western blot transferring.
- Sizing estimation of proteins on SDS-PAGE and Western blots.

PROTOCOL

- For SDS-PAGE: Loading 3 μ l or 5 μ l per well for clear monitoring electrophoresis on a 15-well or 10-well mini-gel. Apply more for a thicker (> 1.5 mm) or larger gel.
- For Western blotting: Loading 3~5 μ l per well for monitoring electrophoresis and general Western blot transferring efficiency. Apply more for a thicker (> 1.5 mm) or larger gel.

Note: Do NOT heat, dilute, or add reducing agents before loading.

LADDER

Band weights (kD)	1.5/3.5/5/7.5/10/15/20/25/30/40
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PRODUCT USE LIMITATION

These products are intended for research use only.