

# AceColor Prestained Protein Marker (10-250 kDa)

Cat# A1056, 2x250 µl

Storage at -20°C

## INFORMATION

ACE Biolabs AceColor Prestained Protein Ladder is a mixture of 9 blue-, a orange-, and a green-stained proteins (10 to 250 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 µl or 5 µl 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 µl 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

Gel type	Tris-Glycine						Bis-Tris						Tris-Acetate		Hepes-Tris		
	8%	10%	12.5%	15%	B4-20%	W4-20%	G4-12%	G8-16%	G4-20%	G4-12%	G8-16%	G4-20%	G10%	6%	3-8%	W4-20%	
Running buffer	Tris-Glycine						MES			MOPS			Tris-Acetate		Hepes		
Apparent Molecular Weights, kDa																	
10	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
20	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
60	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
70	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
80	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
90	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

## PRODUCT USE LIMITATION

These products are intended for research use only.