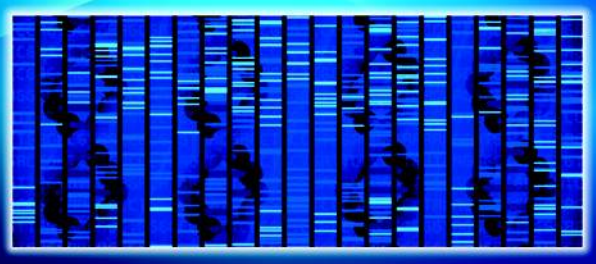


BioLit®

Protein Markers and Standards

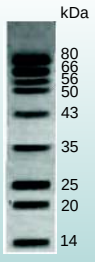
Ready-to-use Unstained Protein Molecular Weight Standards

BioLit® protein molecular weight standards cover the useful range of protein sizes that a researcher or student requires for routine experiments. The recommended loading volume is 20 µl, giving approximately 5 µg of each protein sufficient for detection by Coomassie blue staining. The products are unstained markers.

Prdt. Code	Product Name	Description	Pkg. Unit
33203	Mid-Range 1 Protein Marker	Range – 14-80 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml, 2.5ml
58511	Mid-Range 3 Protein Marker	Range – 14-95 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml, 2.5ml
78084	Popular Range Protein Marker	Range – 14-66 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml, 2.5ml
59893	Low-Range Protein Marker	Range – 3-40 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml, 2.5ml
12986	High-Range 1 Protein Marker	Range – 20-220 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml
99625	High-Range 2 Protein Marker	Range – 14-220 kDa. Contains Bromophenol Blue as tracking dye	0.5ml, 1ml

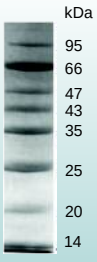
The proteins have been dissolved and denatured in the standard SDS-PAGE sample-loading buffer. Prepared under sterile conditions, these markers have appropriate additives to ensure long-term stability when stored in a refrigerator, freezer or even with brief exposure to room temperature.

(Store at –20°C for long term storage. Brief exposures to room temperature will not affect the integrity of the marker.)



Profile in SDS-12% PAGE (20 µl in a mini gel)

33203

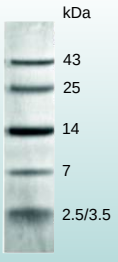


Profile in SDS-12% PAGE (20 µl in a mini gel)

58511

Profile in SDS-12% PAGE (20 µl in a mini gel)

78084



Profile in Tricine SDS-18% PAGE (20 µl in a mini gel)

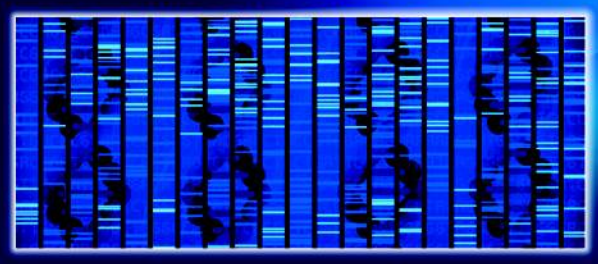
59893

Profile in SDS-10% PAGE (20 µl in a mini gel)

12986

Profile in SDS-10% PAGE (20 µl in a mini gel)

99625



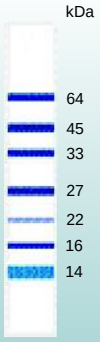
Ready-to-use Prestained Protein Molecular Weight Standards

Prestained Protein Molecular Weight Standards, contain a mix of proteins, coupled with chromophore/s. The recommended loading volume is 5 or 10 μl.

Prdt. Code	Product Name	Description	Pkg. Unit
68894	PreStained Blue Protein Marker	Range – 14-66 kDa. Contains 6 proteins coupled with a Blue chromophore	0.5ml
93675	PreStained Dual Coloured Protein Marker	Range – 14-66 kDa. Contains 7 proteins coupled with Blue or Red chromophore	0.25ml, 0.5ml
27839	PreStained High Range 1 Tri-Coloured Protein Ladder	Range – 10-180 kDa. Contains 10 proteins coupled with Blue or Red or Green chromophore	0.25ml, 1ml
67792	PreStained High Range 2 Tri-Coloured Protein Ladder	Range – 10-245 kDa. Contains 12 proteins coupled with Blue or Red or Green chromophore	0.25ml, 1ml

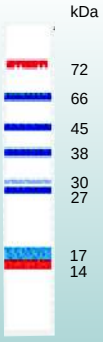
The standards have been carefully prepared under sterile conditions and stored in appropriate additives to ensure long term stability.

(Store at –20°C for long term storage. Brief exposures to room temperature will not affect the integrity of the marker.)



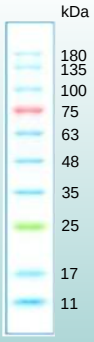
Profile in SDS-13% (w/v) PAGE

68894



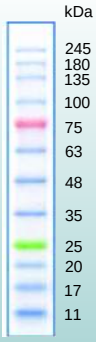
Profile in SDS-13% (w/v) PAGE

93675



Profile in SDS-15% (w/v) PAGE

27839



Profile in SDS-15% (w/v) PAGE

67792

Accessory Reagents for Protein Analysis

SDS-PAGE is a common technique used to study the electrophoresis of proteins. Preparation of polyacrylamide gels is cumbersome and gel strength is based on accurate additions of reagents. To simplify this process and eliminate pipetting errors we offer Ready-to-Use Stacking and Separating Gel mixes.

Prdt. Code	Product Name	Description	Pkg. Unit
24723	Ready-to-use Separating Gel Mix – 10%	10% Separating gel mix – Acrylamide-Bis acrylamide mix 36.5:1, 1.5M Tris HCl (pH 8.8),10% SDS, Double distilled water. Ammonium per sulphate (APS) & TEMED	100ml
80306	Ready-to-use Separating Gel Mix – 12%	12% Separating gel mix – Acrylamide-Bis acrylamide mix 36.5:1, 1.5M Tris HCl (pH 8.8),10% SDS, Double distilled water. Ammonium per sulphate (APS) & TEMED	100ml
88394	Ready-to-use Separating Gel Mix – 15%	15% Separating gel mix – Acrylamide-Bis acrylamide mix 36.5:1, 1.5M Tris HCl (pH 8.8),10% SDS, Double distilled water. Ammonium per sulphate (APS) & TEMED	100ml
91574	Ready-to-use Stacking Gel Mix – 4%	4% Stacking gel mix – Acrylamide-Bis acrylamide mix 36.5:1, 0.5M Tris HCl (pH 8.8),10% SDS, Double distilled water. Ammonium per sulphate (APS) & TEMED	250ml

Staining Dye for Proteins

BioLit® SpryBlue Stain for SDS PAGE

A snappy stain for Polyacrylamide gels that accelerates the staining of proteins and eliminates the need for destains. It is a Ready-to-Use stain for proteins that is quick and sensitive. Based on Coomassie blue G-250 dye's properties, the stain is more sensitive than Coomassie blue R-250. The added advantage is that it requires no destaining procedures.

Prdt. Code	Product Name	Pkg. Unit
25437	Biolit® SpryBlue Stain for SDS Page	250ml, 500ml

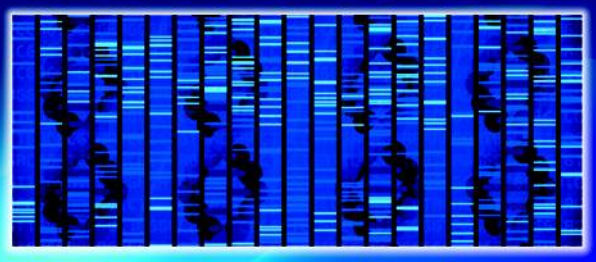
Buffers for SDS-Page Electrophoresis

Our Buffers for SDS-Page are specially formulated for separation of proteins, in their denatured state. Tris-Glycine SDS and Tris-Tricine-SDS gels provide reproducible separation of a wide range of proteins into well-resolved bands as per the Molecular weight, depending upon the gel percentage used.

Tris-Glycine-SDS running buffer and 10× Tris-Tricine-SDS Buffer are the most commonly used buffer for Sodium Dodecyl Sulfate – Polyacrylamide Gel Electrophoresis (SDS-PAGE) of proteins. It is usually used for both the anode buffer and cathode buffer. These buffers are DNase, RNase and protease free and are suitable for Molecular biology applications.

Usually 10× buffer is reconstituted to 1× and used. All three buffers are prepared in ultra-pure water and filtered sterile for Molecular Biology application.

Prdt. Code	Product Name	Pkg. Unit
57806	10× Tris-Glycine-SDS Buffer for molecular biology	200ml, 1000ml
37852	10× Tris-Tricine-SDS Buffer for molecular biology	500ml
87326	10× Tris-Glycine pH-8.3 Tank Buffer for molecular biology	200ml, 1000ml



Please contact:

SISCO RESEARCH LABORATORIES PVT. LTD.
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