



Applied Biological Materials Inc.

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Opti-Protein Ultra Marker

Cat.No.	Unit
G623	500 µl/100 loads

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Name	Opti-Protein Ultra Marker
Unit	500 µl/100 loads
Category	DNA & Protein Ladders
Description	With enhanced performance for high molecular weight proteins, Opti-Protein Ultra Marker consists of 10 pre-stained proteins that resolve into sharp, tight bands covering a wide range of molecular weights from 6.5 to 270 kDa. This protein ladder allows you to monitor protein separation during electrophoresis, estimate molecular weight of the protein of interest, and evaluate western blot transfer efficiency. Proteins are covalently coupled with a blue chromophore except for three reference bands (two orange bands at 30 kDa and 270 kDa and one green band at 52 kDa) when separated on gel.

Features:

Ready-to-use: Load directly into gel

Easy identification: 3 colored reference bands (orange at 30 kDa and 270 kDa and green at 52 kDa)

Clean/Sharp bands: 8 sharp markers visible at 270, 175, 130, 95, 66, 52, 37, and 30 kDa and 2 additional bands at 16 and 6.5 kDa (Tris-Glycine 4-20% Gel)

Specifications

Number of Bands	10
Protein Range	6.5 - 270 kDa
Suggested Load	Mix gently by pipetting up and down a few times, then directly load 5 µl into the well of the gel.

Application	Monitoring protein migration during SDS-PAGE Monitoring efficiency of protein transfer onto PVDF or nitrocellulose for Western Blotting Sizing of proteins on SDS-PAGE and Western Blots
Storage Condition	Store @ 4°C for 3 months or -20°C for 24 months.

Caution: This product is for research use only and is not intended for therapeutic or diagnostic applications.

Please contact a technical service representative for more information (1-866-757-2414).