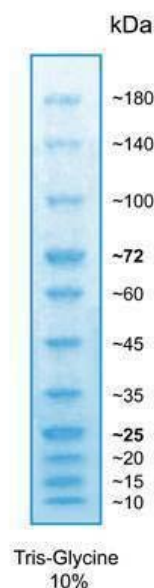


## GRS Protein Marker Blue

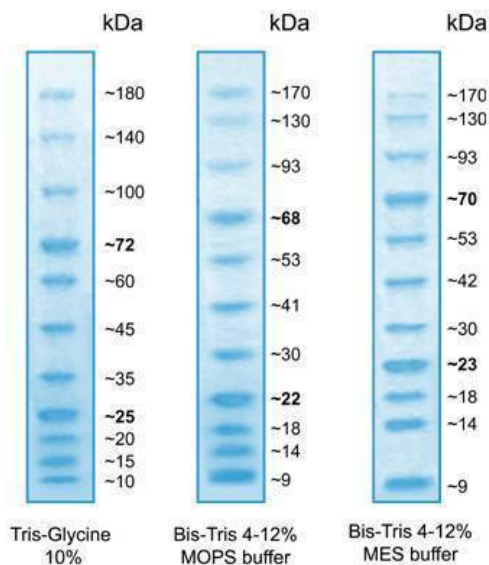
# GLP02.0500 – 500µl  
(for research only)

<b>Product:</b>	ready-to-use pre-stained protein marker suitable for monitoring protein separation during SDS-PAGE, verification of Western Transfer Efficiency onto membranes and for estimation of the molecular weight of proteins and/or polypeptides in the range of 10-180kDa. The GRS Protein Marker Blue is composed of 11 blue bands including 2 reference bands with more intense colour for easy identification (~25kDa and ~72kDa).
<b>Quantity:</b>	500µl of approx. 0.1~0.5 mg/ml of each protein in 20mM Tris-phosphate , pH 7.5 (25°C), 2% SDS, 1mM Dithiothreitol, 3.6M Urea, and 15% (v/v) Glycerol.
<b>Storage:</b>	Up to 2 weeks at room temperature, 3 months at +4°C, 2 years at -20°C.



## Contents (kDa)\*\*

10 | 15 | 20 | **25** | 35 | 45 | 60 | **72** | 100 | 140 | 180 (Tris-Glycine 10%)



\*\*)The **apparent molecular weight** of pre-stained proteins depends on the electrophoretic conditions and has been determined for SDS-PAGE using Tris-Glycine 10%, Bis-Tris 4-12% gradient in MOPS, and Bis-Tris 4-12% gradient in MES Buffer by calibration against an unstained protein marker.

## Recommended Loading

3µl or 5µl for clear visualization during electrophoresis on mini-gel (100-150 lanes).

2µl or 3µl per well for general Western transferring (150-250 lanes).

Apply more for thicker (> 1.5 mm) or larger gels.

## Quality Control

Functionally tested by 15% SDS-PAGE (using Tris-Glycine Buffer) followed by Western Blotting onto nitrocellulose membrane.

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