

**Catalog No.:** WM1000

**Product Name:** Western Protein Marker

**Size:** 250µl

**Description:** The **Western Protein Marker** is a ready-to-use mixture of ten IgG-binding proteins. It is used as protein size markers in immuno-detection in Western blot on film or by CCD imaging. It offers a broad coverage of protein sizes ranging from 15 kDa to 200 kDa. The **Western Protein Marker** performs dual functions, because it also contains four pre-stained protein markers of 10, 25, 45 and 70 kDa, which makes it very easy and convenient to monitor the protein separation SDS-PAGE, to verify the Western transfer efficiency on membranes, and to estimate the protein size of experimental samples. **Western Protein Marker** can be used for chemiluminescent, fluorescent, chromogenic or other detection systems. Two of the ten bands are enhanced intensity (at 30 kDa and 80 kDa).

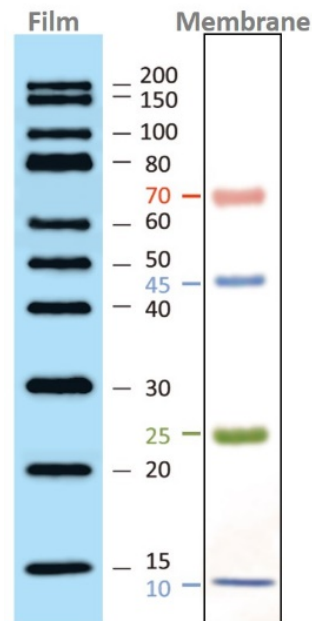
The marker is supplied in gel loading buffer and is ready to use. No heating, dilution or reducing agents are needed before loading.

**Storage:** Store at -20°C.

**Composition:** The Western Protein Marker contains recombinant IgG binding proteins, Glycerol, SDS, and tracking dyes in Tris-HCl buffer.

**Usage Recommendation:**

- 1.5~2.5 µl per well for two-step Western blot using 1<sup>st</sup> Ab followed with 2<sup>nd</sup> Ab conjugated with reporter enzymes.
- 2.5~5 µl per well for one-step Western blot using 1<sup>st</sup> Ab conjugated with reporter enzymes.
- Apply more for thicker (> 1.5 mm) or larger gel.



**Note.** The apparent molecular weight (kDa) of each pre-stained protein has been determined by calibration against an unstained protein standard; supplemental data should be considered for more accurate adjustments in different electrophoresis conditions.

Related products	Catalog No.
• Prestained Protein Ladder	G02101
• Prestained Protein Ladder Plus	G0210
• Fluorescent Protein Gel Stain	G003
• ECL Western Blotting Detection Kit	G075
• Ultra Bright LED Transilluminator	SLB-01
• UltraSlim® LED Illuminator	LB-16

*This product is for research use only.*