



Prestained Protein Marker (9-245 kDa)

(Cat. No.: S2GNM05a30005)

Description:

The Prestained Protein Marker is a ready-to-use protein standard that contains 12 pre-stained proteins with a wide range of molecular weights from 9 to 245 kDa. It is utilized for determining the size of proteins, monitoring protein separation during SDS-polyacrylamide gel electrophoresis and confirming transfer efficiency on membranes (such as nitrocellulose, nylon, or PVDF) in Western Blot assay.

In order to facilitate the identification of bands, the proteins are covalently coupled with blue chromophores, except for two reference bands (one green at 25 kDa and one red at 75 kDa) when separated on SDS-PAGE (Tris-Glycine buffer).

The marker is pre-packaged in gel loading buffer and is ready to use. Before loading, do not boil, dilute, or add reducing agents.

Kit Contents:

Contents	S2GNM05a30005 (5 µl per well for 100 rxns)
Protein Marker (9-245 kDa)	250 µl × 2

Storage:

This product is stable at 4°C for 3 months and -20°C for long-term storage.

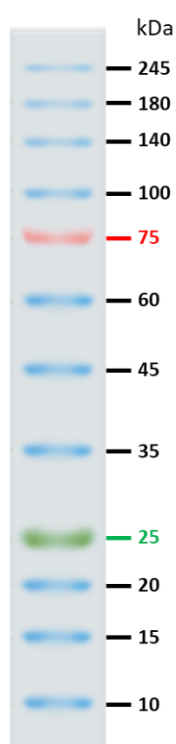
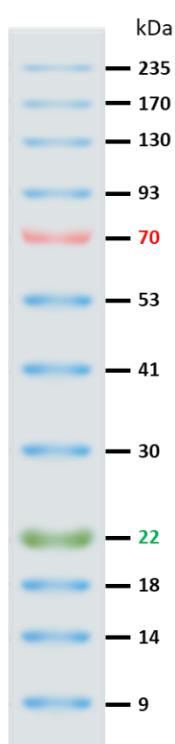
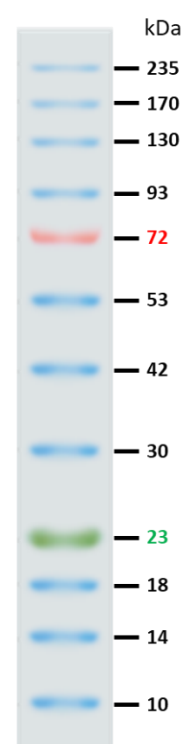
Storage buffer:

20 mM Tris phosphate (pH 7.5 at 25°C), 2 % SDS, 0.2 mM Dithiothreitol, 3.6 M Urea, and 15 % (v/v) Glycerol

**Instruction:**

Loading volume:

- Electrophoresis on mini-gel: 3-5 μ l
- Western transferring: 1.5-2.5 μ l

Prestained Protein Marker (9-245kDa)**Tris-Glycine****Bis-Tris
(MOPS)****Bis-Tris
(MES)**

© Revision History ©

Description	Version	Date
Initial Release	S2GNM05a30005_Protocol_V1	Oct 2023