Prestained Protein Marker (14-100 kDa)

Cat.No. KM101
Storage: at -20°C for two years
Concentration: about 2 µg/5 µl for each band

Description

Prestained Protein Marker is composed of seven prestained proteins ranging from 14 kDa to 100 kDa. The protein of 50 kDa band is covalently coupled to orange dye. The protein of 14 kDa is covalently coupled to yellow dye. The other five proteins are covalently coupled to blue dye. After SDS-PAGE and transferred to PVDF or NC membrane, clear color protein bands are gained and show the direction at the same time.

- Five blue bands, one orange band and one yellow band.
- MW range from 14 kDa to 100 kDa.
- Ready-to-use format, no heating and reductant are required.

Storage buffer

50 mM Tris-HCl (PH 6.8), 5 mM EDTA, 10 mM DTT, 10% glycerol, 1% SDS, 0.01 % phenol red

Instruction for Use

- It is in a ready-to-use format without heating and reductant.
- Completely thaw and mix well before use, use the following volumes of the ladder on a Tris-glycine SDS gel (5 µl/well): 5 µl per well for mini gel; 10 µl per well for large gel.

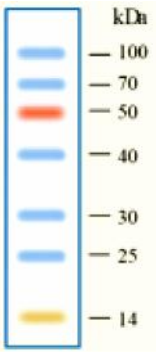
Electrophoresis diagram

Electrophoresis of 5 µl of Protein Marker on an 10% Tris-glycine SDS gel .

Electrophoresis condition

BioRad Mini Electrophoresis installation and transfer system. Electrophoresis at 200 V for 50 minutes, tra to membrane at 200 mA for 3 hours.

Protein Marker
(14-100 kDa)



10% Tris-glycine SDS gel (5 µl/well)

FOR RESEARCH USE ONLY

Kiagen Teb Sadra Co.
No 137, Dogol Tower, Oposite of Amie-Atabak, Bagheri Blvd, Motahari Ave,
Tehran, IRAN Tel: 88760179 (5 Lines), 0939-1125991, Fax: 88756622 info@kiagen-biotech.com www.kiagen-biotech.com