Solarbio® LIFE SCIENCES

Beijing Solarbio Science & Technology Co.,Ltd.
One-stop solution for life science research.

Three-color Prestain Protein Marker (10-180kDa)

Item No. : PR1960

Specification: 50T/100T

Validity: Store at -20°C, valid for at least 2 years.

Product Introduction:

The three-color predyed protein molecular weight standard contains 10 highly purified and predyed recombinant proteins (10, 15, 25, 34, 42, 56, 50, 72,100, 140, 180kDa) from 10kDa to 180 KDa, of which 72kDa bands are orange-red and 10 KDa is green. Suitable for SDS-PAGE and Western blot protein molecular weight standard.

This product is used as the protein molecular weight standard for Western Blot or SDS-PAGE to indicate the electrophoretic protein separation of SDS-PAGE and to evaluate the membrane transfer effect of Western Blot. The migration of this product in different gel concentrations and different electrophoretic buffers is shown in the figure below. The loading buffer has been premixed. The loading buffer can be loaded directly into the protein gel pore without heating, dilution or adding reducing agent.

Storage solution: 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

Directions for use:

1. Dissolve completely after thawing at room temperature and mix gently and thoroughly, do not boil;

2. In 15-well or 10-well microgel electrophoresis, the sample size is 3μL or 5μL each time, it can be clearly displayed;

3. Conventional Western Blot of 1.5-2.5μL per well;

4. For thicker (> 1.5 mm) or larger gels, please increase the amount according to the actual situation;

5. For unused three-color predyed protein Marker, it can be placed for 3 months at 4 ° C.
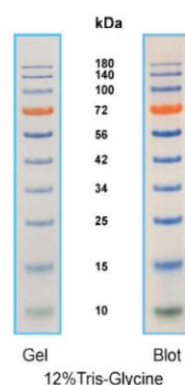
Note:

1. In low concentration gels, low molecular weight proteins will swim to the leading edge of the dye.

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2. It is recommended to extend the transfer time or increase the transfer voltage of large molecular weight protein. In addition, it is recommended that the transfer solution does not add SDS, if the experiment must be used, it is recommended that the concentration of SDS should not exceed 0.02-0.04%.