

Blue Plus[®] IV Protein Marker (10 kDa-180 kDa)

Please read the datasheet carefully prior to use.

Cat. No. DM131

Version No. Version 2.0

Storage: at -20°C for two years

Concentration

about 2 µg/5 µl for each band

Description

Blue Plus[®] IV Protein Marker is composed of ten prestained proteins ranging from 10 to 180 kDa. The protein of 70 kDa band is covalently coupled to orange dye. The protein of 10 kDa band is covalently coupled to green dye. The other eight bands are covalently coupled to blue dye. This prestained protein marker is designed for monitoring the progress of SDS-polyacrylamide gel electrophoresis, for assessing transfer efficiency onto PVDF and NC membranes. Clear colored bands can be visible on PVDF or NC membranes. The orange and green bands make it easy to determine the direction of the transfer.

Storage Buffer

100 mM Tris-HCl (pH 6.8), 5 mM EDTA, 10 mM DTT, 10% glycerol, 1% SDS.

Protocol

- Ready-to-use, direct load on gels without heating and reducing agents.
- Thoroughly dissolve and mix it. Use 5 µl/well for 1 mm thick mini-gel, 10 µl/well for larger gel.

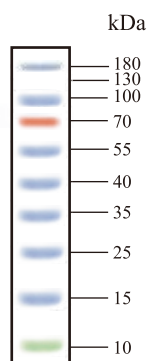
Electrophoresis Condition

After 15% Tris-Glycine SDS gel electrophoresis, transfer to PVDF membrane.

Notes

The **size** of the protein covalently coupled to dye will vary during **gel electrophoresis at different concentrations**, and it is only used as a reference when judging the molecular weight of the target protein.

Blue Plus[®] IV Protein Marker
(10-180 kDa)



15% Tris-Glycine SDS gel (5 µl/well)

BioRad Mini Electrophoresis System, 200 V 50 minutes

For research use only, not for clinical diagnosis.

Version number: V2-202312

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