

HiQ BluePlus Protein Marker

Cat No.	Pack Size
A0028	2x250 μ l
A0029	10x250 μ l

- 3 μ l or 5 μ l per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively.
- 1.5~2.5 μ l per well for general Western transferring.
- Apply more for thicker (> 1.5mm) or larger gel.

Product description

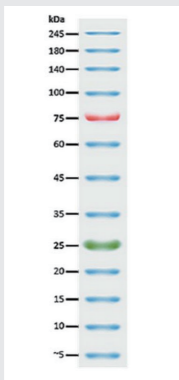
The HiQ BluePlus Prestained Protein Marker is a three-color protein standard with 13 pre-stained proteins covering a wide range molecular weights from 3.5 to 245kDa. Proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25kDa and 75kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer). The HiQ BluePlus Prestained Protein Marker is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the size of proteins. The marker is supplied in gel loading buffer and is ready to use. Do not heat, dilute, add reducing agent before loading.

Contents

Approximately 0.1~0.4mg/ml of each protein in the buffer (20mM Tris-phosphate, pH 7.5 at 25°C), 2% SDS, 0.2mM Dithiothreitol, 3.6M Urea, and 15% (v/v) Glycerol).

Quality Control

Under suggested conditions HiQ BluePlus Prestained Protein Marker resolves 13 major bands in polyacrylamide gel with appropriate buffers and after western blotting to nitrocellulose membrane.



Storage

- Stable for up to 2weeks at 25°C.
- Stable for up to 3months at 4°C.
- For long term storage, store at -20°C.

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