

NEX-GEN-BlueSPRAY Prestained Protein Ladder

Cat. No. PG600-0500PI Size: 500 µl

Features

- Broad range: 10-180 kDa
- Ready-to-use: supplied in a loading buffer for direct loading on gels
- Three-color protein standard with 10 pre-stained proteins
- Sharp bands

Description

In NEX-GEN-BlueSPRAY Prestained Protein Ladder proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25 kDa and 75 kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer).

Applications

- Monitoring of protein migration during SDS-polyacrylamide gel electrophoresis.
- Verification of Western transfer efficiency on membranes (PVDF, nylon, or nitrocellulose)
- Sizing of proteins on SDS-polyacrylamide gels and Western blots.

Quality Control

Tested in SDS-polyacrylamide gel electrophoresis and Western blotting.

Storage

Stable at +4°C for 3 months
Store at -20°C for 24 months

Recommendations for Loading

1. Thaw the ladder either at room temperature or at 37-40°C for a few minutes to dissolve precipitated solids. Do not boil.
2. Mix thoroughly to ensure the solution is homogeneous.
3. Load the following volumes of the ladder on SDS-polyacrylamide gel:
 - 5 µl per well for mini-gels, 2.5 µl per well for blots
 - 10 µl per well for large gels, 5 µl per well for blots

