



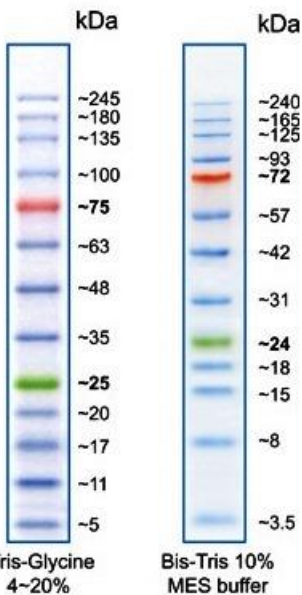
Protein Marker EXtended (13 bands)

Description/Preparation:

Protein Marker EXtended contains 13 pre-stained proteins that resolve into sharp, tight bands in the range of 3,5-245 kDa. The Protein Ladder allows to monitor molecular weight separation during electrophoresis, estimate molecular weights. The marker is ready-to-use. There is no need to boil. Easy to identify: Proteins are covalently coupled with a blue chromophore except for two reference bands; green band at 25 kDa and red band at 75 kDa.

Applications

- Monitoring of protein migration during SDS-polyacrylamide gel electrophoresis.
Monitoring of protein transfer onto membranes during Western blotting.
Sizing of proteins on SDS-polyacrylamide gels and Western blots.



Usage:

Mini gel application: 5 µl/well; 2.5 µl per well blots
Standard gel application: 10 µl/well; 5 µl per well for blots

Number of bands: 13 5, 11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, 245 kDa

Loading:

Loading Denaturing Polyacrylamide gels (SDS-PAGE):
- Thaw marker at room temperature or heat at 37 - 40 °C for a few minutes. Do not boil!
- Vortex gently to ensure the solution is homogeneous and load 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

1 ml marker is sufficient for 200 mini gels or 100 standard gels.
It is recommended to divide the marker into aliquots to avoid contamination of the stock solution.

Note:

Protein Marker PS11 is optimized for runs on 15 % SDS polyacrylamide gels. 4 to 12 % gels may cause proteins with low molecular weights to migrate with the dye front. On 12 to 15 % and gradient gels all bands are visible.

Quality Control

Tested in SDS-polyacrylamide gel electrophoresis and Western blotting.

Storage: at -20°C or at room temperature

Shipment: on blue ice

Ordering information:

Table with 3 columns: Cat.-no, Description, Amount. Contains two rows for Protein Marker EXtended (3,5 - 245 kDa) in different quantities.

GeneON .. a good decision ..

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