



Innovación y Desarrollo en Biotecnología

## ARCOIRIS

### Pre-stained Protein Marker (Multicolor Broad Range) (11 KDa – 245 KDa)

Cat.no. MC0201

Storage: -20°C for one year

Product Size

MC0201	100 µL
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PRODUCTOS BIO-LOGICOS

<http://www.pb-l.com.ar>

#### Description

ARCOIRIS Pre-stained Protein Marker is a tricolor protein molecular weight standard with 12 pre-stained recombinant proteins covering a range from 11 KDa to 245 KDa. The marker contains one green and one red band at 25 KDa and 75 KDa respectively, the rest bands are blue reference bands of 245 KDa, 180 KDa, 135 KDa, 100 KDa, 63 KDa, 48 KDa, 35 KDa, 20KDa, 17 KDa and 11 KDa respectively.

ARCOIRIS Pre-stained Protein Marker is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis and verification of Western transfer efficiency.

The marker is supplied in gel loading buffer and is ready to use. Do not heat, dilute, or add reducing agent before loading.

**Concentration:** 0.1-0.4 mg/ml of each protein.

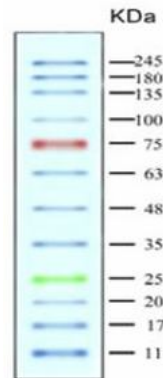
#### Storage buffer

20 mM Tris-HCl (pH 7.5), 1 mM Dithiothreitol, 15% glycerol, 2% SDS, 3.6 mM Urea.

#### Protocol

1. Thaw the marker at room temperature for a few minutes to dissolve precipitated solids. Do not boil.
2. Mix gently, but thoroughly, to ensure the solution is homogeneous.
3. Load 5 µL of the marker per well for gels with a thickness of 0.75-1.0 mm. Load 3 µL of the marker per well for blotting. The loading volume should be increased for thicker gels.

#### Migration pattern of Pre-stained Broad Range Protein Marker



12% Tris-glycine SDS-PAGE

The product is used for research only, neither intended for the diagnosis, or treatment of a disease, nor for the food, or cosmetics.