

## New England Biolabs Product Specification

*Product Name:* Color Prestained Protein Standard, Broad Range (11-245 kDa)  
*Catalog #:* P7712S/L  
*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Storage Conditions:* 20 mM Tris-Phosphate, 2 % SDS, 0.2 mM DTT, 3.6 M Urea, 15 % Glycerol, (pH 7.5 @ 25°C)  
*Specification Version:* PS-P7712S/L v1.0  
*Effective Date:* 05 May 2017

### Assay Name/Specification (minimum release criteria)

**Electrophoretic Pattern (Protein Marker)** - The banding pattern of Color Prestained Protein Standard, Broad Range (11-245 kDa) on a 10-20% Tris-Glycine gel shows discrete, clearly identifiable bands at each band of the marker, as determined by gel electrophoresis using Coomassie Blue detection.

**Protease Activity (Protein Markers & Ladders)** - A 20 µl sample of Color Prestained Protein Standard, Broad Range (11-245 kDa) incubated for 16 hours at 37°C, results in no detectable degradation of the protein mixture as determined by SDS-PAGE with Coomassie Blue detection.



Date 05 May 2017

Derek Robinson  
Director of Quality Control

