

## New England Biolabs Certificate of Analysis

**Product Name:** *Color Prestained Protein Standard, Broad Range (10-250 kDa)*  
**Catalog Number:** *P7719L*  
**Packaging Lot Number:** *10184466*  
**Expiration Date:** *03/2025*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *62.5 mM Tris-Phosphate, 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN<sub>3</sub>, 33% Glycerol*  
**Specification Version:** *PS-P7719S/L v1.0*

Color Prestained Protein Standard, Broad Range (10-250 kDa) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7719SVIAL	Color Prestained Protein Standard, Broad Range (10-250 kDa)	10182408	Pass

Assay Name/Specification	Lot # 10184466
<b>Electrophoretic Pattern (Protein Marker)</b> The banding pattern of Color Prestained Protein Standard, Broad Range (10-250 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.	<b>Pass</b>
<b>Protease Activity (Protein Markers &amp; Ladders)</b> A 20 µl sample of Color Prestained Protein Standard, Broad Range (10-250 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.	<b>Pass</b>


This product has been tested and shown to be in compliance with all specifications.

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Alicia Bielik  
Production Scientist  
16 Mar 2023



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Michael Tonello  
Packaging Quality Control Inspector  
28 Mar 2023