

## New England Biolabs Certificate of Analysis

**Product Name:** Blue Prestained Protein Standard, Broad Range (11-250 kDa)  
**Catalog Number:** P7718S  
**Packaging Lot Number:** 10165204  
**Expiration Date:** 07/2024  
**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-P7718S/L v1.0

Blue Prestained Protein Standard, Broad Range (11-250 kDa) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7718SVIAL	Blue Prestained Protein Standard, Broad Range (11-250 kDa)	10156816	Pass

Assay Name/Specification	Lot # 10165204
<b>Electrophoretic Pattern (Protein Marker)</b> The banding pattern of Blue Prestained Protein Standard, Broad Range (11-250 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.	Pass
<b>Protease Activity (Protein Markers &amp; Ladders)</b> A 20 µl sample of Blue Prestained Protein Standard, Broad Range (11-250 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.	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Beth M. Paschal*

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Beth Paschal  
Production Scientist  
07 Jul 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
12 Oct 2022