

New England Biolabs Certificate of Analysis

Product Name: 1 kb Plus DNA Ladder
 Catalog Number: N3200S
 Concentration: 1,000 µg/ml
 Packaging Lot Number: 10129291
 Expiration Date: 08/2023
 Storage Temperature: -20°C
 Specification Version: PS-N3200S/L v2.0

1 kb Plus DNA Ladder Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N3200SVIAL	1 kb Plus DNA Ladder	10118553	Pass
B7025SVIAL	Gel Loading Dye, Purple (6X), no SDS	10111606	Pass

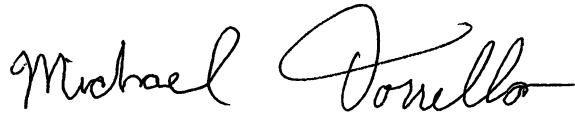
Assay Name/Specification	Lot # 10129291
Electrophoretic Pattern (Marker) The banding pattern of 1 kb Plus DNA Ladder on a 1.2% agarose gel shows discrete, clearly identifiable bands at each band of the marker, when stained with Ethidium Bromide at a concentration of 0.5 µg/ml.	Pass
Non-Specific DNase Activity (DNA, 16 hour) A 50 µl reaction in 1X NEBuffer 2 containing 5 µg of 1 kb Plus DNA Ladder incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	Pass
DNA Concentration (A260) The concentration of 1 kb Plus DNA Ladder is between 1000 and 1050 µg/ml as determined by UV absorption at 260 nm.	Pass
A260/A280 Assay The ratio of UV absorption of 1 kb Plus DNA Ladder at 260 and 280 nm is between 1.8 and 2.0.	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 for additional information.



Vanessa Mathieu-Sheltry
Production Scientist
30 Nov 2021



Michael Tonello
Packaging Quality Control Inspector
30 Nov 2021