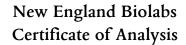


Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com



Product Name: Quick-Load® Purple 2-Log DNA Ladder (0.1 - 10.0 kb)

Catalog #:N0550SConcentration: $100 \mu g/ml$ Unit Definition:N/ALot #:0081512Assay Date:12/2015Expiration Date:12/2017Storage Temp: $4^{\circ}C$ 

NEW ENGLAND
BioLabs Inc.

 Storage Conditions:
 2.5 % Ficoll 400 , 10 mM EDTA , 3.3 mM Tris-HCl (pH 8.0), 0.001 % Dye 2 , 0.02 % Dye 1

 Storage Buffer:
 2.5 % Ficoll 400 , 10 mM EDTA , 3.3 mM Tris-HCl (pH 8.0), 0.001 % Dye 2 , 0.02 % Dye 1

Specification Version: PS-N0550S v1.0
Effective Date: 26 Oct 2015









## New England Biolabs Certificate of Analysis

Assay Name/Specification (minimum release criteria)	Lot #0081512
<b>DNA Concentration (A260)</b> - The concentration of Quick-Load® Purple 2-log DNA Ladder (0.1 - 10.0 kb) is between 100 and 110 µg/ml as determined by UV absorption at 260 nm.	Pass
Electrophoretic Pattern (Marker) - The banding pattern of Quick-Load® Purple 2-log DNA Ladder (0.1 - 10.0 kb) 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 $\mu$ g/ml.	Pass
Non-Specific DNase Activity (DNA, 16 hour) - A 50 µl reaction in 1X NEBuffer 2 containing 5 µg of Quick-Load® Purple 2-log DNA Ladder (0.1 - 10.0 kb) incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	Pass

Authorized by Derek Robinson 26 Oct 2015







Inspected by Vanessa Mathieu-Sheltry

01 Dec 2015