

New England Biolabs Certificate of Analysis

Product Name: *Fast DNA Ladder*
Catalog Number: *N3238S*
Concentration: *25 µg/ml*
Unit Definition: *N/A*
Packaging Lot Number: *10221107*
Expiration Date: *12/2025*
Storage Temperature: *4°C*
Storage Conditions: *0.002 % Xylene cyanol , 5 mM Tris-HCl (pH 8.0), 5 mM EDTA , 5 % Glycerol*
Specification Version: *PS-N3238S v1.0*

Fast DNA Ladder Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N3238SVIAL	Fast DNA Ladder	10216361	Pass

Assay Name/Specification	Lot # 10221107
DNA Concentration (A260) The concentration of Fast DNA Ladder is between 25 and 27.5 µg/ml as determined by UV absorption at 260 nm.	Pass
Electrophoretic Pattern (Marker) The banding pattern of Fast 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 1.25 µg of Fast 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

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

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28 Nov 2023



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08 Dec 2023