

New England Biolabs Certificate of Analysis

Product Name: *Lambda DNA-Hind III Digest*
Catalog Number: *N3012L*
Concentration: *500 µg/ml*
Unit Definition: *N/A*
Lot Number: *10045968*
Expiration Date: *05/2021*
Storage Temperature: *-20°C*
Storage Conditions: *10 mM Tris-HCl (pH 8.0), 1 mM EDTA*
Specification Version: *PS-N3012S/L v1.0*

Lambda DNA-Hind III Digest Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N3012LVIAL	Lambda DNA-Hind III Digest	10045969	Pass
B7025SVIAL	Gel Loading Dye, Purple (6X), no SDS	10036377	Pass

Assay Name/Specification	Lot # 10045968
A260/A280 Assay The ratio of UV absorption of λ DNA-HindIII Digest at 260 and 280 nm is between 1.8 and 2.0.	Pass
DNA Concentration (A260) The concentration of λ DNA-HindIII Digest is between 500 and 550 µg/ml as determined by UV absorption at 260 nm.	Pass
Electrophoretic Pattern (Marker) The banding pattern of λ DNA-HindIII Digest 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 2.5 µg of λ DNA-HindIII Digest 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.



Doreen Duquette
Production Scientist
13 Mar 2019



Michael Tonello
Packaging Quality Control Inspector
10 Jun 2019