

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

## New England Biolabs Certificate of Analysis

Product Name: Ndel
Catalog Number: R0111S
Concentration: 20,000 U/ml

Unit Definition: One unit is defined as the amount of enzyme required to digest 1 µg

of Lambda DNA in 1 hour at 37°C in a total reaction volume of 50 μl.

Packaging Lot Number: 10116568
Expiration Date: 12/2022
Storage Temperature: -20°C

Storage Conditions: 100 mM NaCl, 10 mM Tris-HCl (pH 7.4), 1 mM DTT, 0.1 mM EDTA, 50%

Glycerol, 200 μg/ml BSA

Specification Version: PS-R0111S/L v1.0

Ndel Component List				
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result	
R0111SVIAL	Ndel	10093491	Pass	
B7024AVIAL	Gel Loading Dye, Purple (6X)	10108731	Pass	
B6004SVIAL	rCutSmart™ Buffer	10111605	Pass	

Lot # 10116568
Pass
Pass
Pass
Pass



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Assay Name/Specification	Lot # 10116568
Ligation and Recutting (Terminal Integrity)	Pass
After a 10-fold over-digestion of Lambda DNA with Ndel, >95% of the DNA fragments	
can be ligated with T4 DNA ligase in 16 hours at 16°C. Of these ligated fragments,	
>95% can be recut with Ndel.	

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.

Penghua Zhang Production Scientist

05 Aug 2021

Michael Tonello

Packaging Quality Control Inspector

05 Aug 2021



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