

New England Biolabs Certificate of Analysis

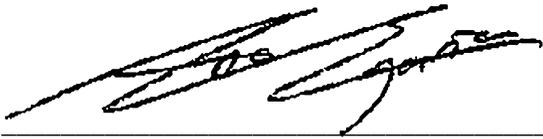
Product Name: pBR322 DNA-MspI Digest
Catalog Number: N3032S
Concentration: 1,000 µg/ml
Unit Definition: N/A
Packaging Lot Number: 10098067
Expiration Date: 01/2023
Storage Temperature: -20°C
Storage Conditions: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA
Specification Version: PS-N3032S/L v1.0

pBR322 DNA-MspI Digest Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N3032SVIAL	pBR322 DNA-MspI Digest	10098068	Pass
B7025SVIAL	Gel Loading Dye, Purple (6X), no SDS	10074998	Pass

Assay Name/Specification	Lot # 10098067
Electrophoretic Pattern (Marker) The banding pattern of pBR322 DNA-MspI Digest on a 3% 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 pBR322 DNA-MspI 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
A260/A280 Assay The ratio of UV absorption of pBR322 DNA-MspI Digest at 260 and 280 nm is between 1.8 and 2.0.	Pass
DNA Concentration (A260) The concentration of pBR322 DNA-MspI Digest is between 1000 and 1050 µg/ml as determined by UV absorption at 260 nm.	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.



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25 Jan 2021



Michael Tonello
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25 Jan 2021