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New England Biolabs Certificate of Analysis

Product Name:BsalCatalog Number:R0535SConcentration:10,000 U/ml

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

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

Packaging Lot Number: 10065817 Expiration Date: 12/2021 Storage Temperature: -20°C

Storage Conditions: 200 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-R0535S/L v2.0

Bsal Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
R0535SVIAL	Bsal	10062821	Pass	
B7204SVIAL	CutSmart® Buffer	10068805	Pass	
B7024SVIAL	Gel Loading Dye, Purple (6X)	10065745	Pass	

Lot # 10065817
Pass
Pass
Pass
Pass



R0535S / Lot: 10065817

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Assay Name/Specification	Lot # 10065817
Endonuclease Activity (Nicking)	Pass
A 50 µl reaction in CutSmart™ Buffer containing 1 µg of supercoiled PhiX174 DNA and	
a minimum of 10 units of Bsal incubated for 4 hours at 37°C results in <20%	
conversion to the nicked form as determined by agarose gel electrophoresis.	

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

Anthony Francis
Production Scientist

19 Dec 2019

Michael Tonello

Packaging Quality Control Inspector

23 Mar 2020

