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New England Biolabs Certificate of Analysis

Product Name: pTXB1 Vector

Catalog Number: N6707S
Concentration: 200 µg/ml
Packaging Lot Number: 10187332
Expiration Date: 03/2025
Storage Temperature: -20°C

Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)

Specification Version: PS-N6707S v1.0

pTXB1 Vector Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N6707SVIAL	pTXB1 Vector DNA	10144693	Pass

Assay Name/Specification	Lot # 10187332
A260/A280 Assay	Pass
The ratio of UV absorption of pTXB1 Vector at 260 and 280 nm is between 1.8 and 2.0.	
DNA Concentration (A260)	Pass
The concentration of pTXB1 Vector is between 200 and 220 μg/ml as determined by UV absorption at 260 nm.	
Restriction Digest (Linearization)	Pass
A 50 µl reaction in CutSmart® Buffer containing 2 µg of pTXB1 Vector and 10 units of	
SapI incubated for 1 hour at 37°C produces > 95% linearization resulting in a single	
band of approximately 6706 bp as determined by agarose gel electrophoresis.	

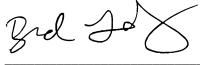
This product has been tested and shown to be in compliance with all specifications.

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N6707S / Lot: 10187332

Page 1 of 2



Brad Landgraf Production Scientist 24 Mar 2022 Michael Tonello

Packaging Quality Control Inspector

12 May 2023

N6707S / Lot: 10187332

Page 2 of 2