

## New England Biolabs Product Specification

*Product Name:* pTXB1 Vector  
*Catalog #:* N6707S  
*Concentration:* 200 µg/ml  
*Shelf Life:* 36 months  
*Storage Temp:* -20°C  
*Storage Conditions:* 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)  
*Specification Version:* PS-N6707S v1.0  
*Effective Date:* 17 Jul 2018

Assay Name/Specification (minimum release criteria)
A260/A280 Assay - The ratio of UV absorption of pTXB1 Vector at 260 and 280 nm is between 1.8 and 2.0.
DNA Concentration (A260) - The concentration of pTXB1 Vector is between 200 and 220 µg/ml as determined by UV absorption at 260 nm.
Restriction Digest (Linearization) - 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.



Date 17 Jul 2018

Derek Robinson  
Director of Quality Control

