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## New England Biolabs Certificate of Analysis

Product Name: pSNAP-tag® (T7)-2 Vector

Catalog Number: N9181S
Concentration: 500 µg/ml

Unit Definition:

Lot Number: 10011151
Expiration Date: 05/2021
Storage Temperature: -20°C

Storage Conditions: 10 mM Tris-HCl; 1 mM EDTA @pH 8.0

Specification Version: PS-N9181S v1.0

pSNAP-tag® (T7)-2 Vector Component List				
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result	
N9181SVIAL	pSNAP-tag® (T7)-2 Vector	10009384	Pass	

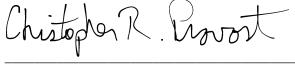
Assay Name/Specification	Lot # 10011151
Non-Specific DNase Activity (DNA, 16 hour) A 50 μl reaction in 1X NEBuffer 2 containing 2.5 μg of pSNAP-tag® (T7)-2 Vector	Pass
incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	
Electrophoretic Pattern (Plasmid) The banding pattern of pSNAP-tag® (T7)-2 Vector on a 1.2% agarose gel is evaluated against a control lot for sharpness and relative intensity as determined by gel electrophoresis using Ethidium Bromide.	Pass
A260/A280 Assay The ratio of UV absorption of pSNAP-tag® (T7)-2 Vector at 260 and 280 nm is between 1.8 and 2.	Pass
DNA Concentration (A260) The concentration of pSNAP-tag® (T7)-2 Vector is between 500 and 550 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.



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Chris Provost Production Scientist 31 May 2018 Michael Tonello

Packaging Quality Control Inspector

04 Jun 2018