

## New England Biolabs Certificate of Analysis

**Product Name:** pSNAP-tag<sup>®</sup> (T7)-2 Vector  
**Catalog Number:** N9181S  
**Concentration:** 500 µg/ml  
**Packaging Lot Number:** 10146314  
**Expiration Date:** 11/2023  
**Storage Temperature:** -20°C  
**Storage Conditions:** 10 mM Tris-HCl; 1 mM EDTA @pH 8.0  
**Specification Version:** PS-N9181S v1.0

pSNAP-tag <sup>®</sup> (T7)-2 Vector Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N9181SVIAL	pSNAP-tag <sup>®</sup> (T7)-2 Vector	10128273	Pass

Assay Name/Specification	Lot # 10146314
<b>Non-Specific DNase Activity (DNA, 16 hour)</b> A 50 µl reaction in 1X NEBuffer 2 containing 2.5 µg of pSNAP-tag <sup>®</sup> (T7)-2 Vector incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	Pass
<b>A260/A280 Assay</b> The ratio of UV absorption of pSNAP-tag <sup>®</sup> (T7)-2 Vector at 260 and 280 nm is between 1.8 and 2.	Pass
<b>DNA Concentration (A260)</b> The concentration of pSNAP-tag <sup>®</sup> (T7)-2 Vector is between 500 and 550 µg/ml as determined by UV absorption at 260 nm.	Pass
<b>Electrophoretic Pattern (Plasmid)</b> The banding pattern of pSNAP-tag <sup>®</sup> (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

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](http://www.neb.com/trademarks) for additional information.

*Christopher R. Provost*

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Chris Provost  
Production Scientist  
09 May 2022

*Erin Varney*

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Erin Varney  
Packaging Quality Control Inspector  
09 May 2022