

New England Biolabs Product Specification

Product Name: pSNAPf Vector
Catalog #: N9183S
Concentration: 500 ng/μl
Shelf Life: 24 months
Storage Temp: -20°C
Storage Conditions: 10 mM Tris-HCl; 1 mM EDTA @ pH 8.0
Specification Version: PS-N9183S v1.0
Effective Date: 15 Sep 2017

Assay Name/Specification (minimum release criteria)

A260/A280 Assay - The ratio of UV absorption of pSNAPf Vector at 260 and 280 nm is between 1.8 and 2.

DNA Concentration (A260) - The concentration of pSNAPf Vector is between 1000 and 1050 μg/ml as determined by UV absorption at 260 nm.

Electrophoretic Pattern (Plasmid) - The banding pattern of pSNAPf 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.

Non-Specific DNase Activity (DNA, 16 hour) - A 50 μl reaction in 1X NEBuffer 2 containing 2.5 μg of pSNAPf Vector incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.



Date 15 Sep 2017

Derek Robinson
Director of Quality Control

