

New England Biolabs Certificate of Analysis

Product Name: *EnGen® sgRNA Synthesis Kit, S. pyogenes*
 Catalog Number: *E3322S*
 Packaging Lot Number: *10078948*
 Expiration Date: *09/2021*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E3322S v2.0*

EnGen® sgRNA Synthesis Kit, S. pyogenes Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S3321AVIAL	sgRNA Control Oligo, S. py	10050930	Pass
N3320AVIAL	EnGen® 2X sgRNA Reaction Mix, S. pyogenes	10084751	Pass
M3322AVIAL	EnGen® sgRNA Enzyme Mix	10065344	Pass
M0303AAVIAL	DNase I (RNase-free)	10078606	Pass
B1222AVIAL	0.1M DTT	10065839	Pass

Assay Name/Specification	Lot # 10078948
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in EnGen® sgRNA Synthesis Kit, S. pyogenes and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction in the presence of 1X EnGen® sgRNA Reaction Mix containing 0.25 µM EnGen® sgRNA Control Oligo and 1 µl of 0.1M DTT with 2 µl of the EnGen® sgRNA Enzyme Mix incubated for 30 minutes at 37°C results in a minimum of 15 µg of sgRNA as determined by OD 260 and gel electrophoresis.</p>	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 for additional information.

Dongxian Yue

Dongxian Yue
Production Scientist
10 Sep 2020

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
25 Sep 2020