

New England Biolabs Certificate of Analysis

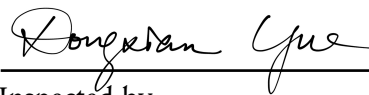
Product Name: EnGen[®] sgRNA Synthesis Kit, *S. pyogenes*
Catalog #: E3322S
Kit Components: EnGen[®] sgRNA Enzyme Mix (M3322)
 EnGen[®] 2X sgRNA Reaction Mix, *S. pyogenes* (N3320)
 EnGen[®] sgRNA Control Oligo, *S. pyogenes* (S3321)
 DNase I (M0303)

Lot #: 0051709
Assay Date: 09/2017
Expiration Date: 03/2019
Storage Temp: -20°C
Specification Version: PS-E3322S v1.0
Effective Date: 21 May 2018

Assay Name/Specification (minimum release criteria)	Lot #0051709
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 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.	Pass
* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in EnGen [®] sgRNA Synthesis Kit, <i>S. pyogenes</i> and meet the designated specifications.	Pass



Authorized by
Derek Robinson
21 May 2018



Inspected by
Dongxian Yue
01 Sep 2017

