Product Name: EnGen® sgRNA Synthesis Kit, S. pyogenes
Catalog Number: E3322S
Lot Number: 10044273
Expiration Date: 09/2020
Storage Temperature: -20°C
Specification Version: PS-E3322S v2.0

EnGen® sgRNA Synthesis Kit, S. pyogenes Component List

<table>
<thead>
<tr>
<th>NEB Part Number</th>
<th>Component Description</th>
<th>Lot Number</th>
<th>Individual QC Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3321AVIAL</td>
<td>sgRNA Control Oligo, S. py</td>
<td>0011709</td>
<td>Pass</td>
</tr>
<tr>
<td>N3320AVIAL</td>
<td>EnGen® 2X sgRNA Reaction Mix, S. pyogenes</td>
<td>10041930</td>
<td>Pass</td>
</tr>
<tr>
<td>M3322AVIAL</td>
<td>EnGen® sgRNA Enzyme Mix</td>
<td>10033699</td>
<td>Pass</td>
</tr>
<tr>
<td>M0303AAVIAL</td>
<td>DNase I (RNase-free)</td>
<td>10033737</td>
<td>Pass</td>
</tr>
<tr>
<td>B1222AVIAL</td>
<td>0.1M DTT</td>
<td>10033643</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Assay Name/Specification

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.

* 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.

This product has been tested and shown to be in compliance with all specifications.
Bhairavi Jani  
Production Scientist  
30 Apr 2019

Michael Tonello  
Packaging Quality Control Inspector  
30 Apr 2019