ProtoScript® II First Strand cDNA Synthesis Kit 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>E6560S</td>
<td>ProtoScript® II First Strand cDNA Synthesis Kit</td>
<td>10127409</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Assay Name/Specification

* Individual Product Component Note
Standard Quality Control Tests are performed for each component included in ProtoScript® II First Strand cDNA Synthesis Kit and meet the designated specifications.

Functional Testing (RT-PCR, Length)
The performance of ProtoScript® II Reaction Mix with 1X ProtoScript® II Enzyme Mix is tested in a 20 µl RT reaction with 0.5 µg Human total RNA. The length of the product is verified by amplification of fibrillin using 0.4 µl of the RT reaction and 40 cycles of PCR amplification resulting in the expected 9.2 kb product. Pass

Functional Testing (RT-PCR, Sensitivity)
The performance of ProtoScript® II Reaction Mix with 1X ProtoScript® II Enzyme Mix is tested in a 20 µl RT reaction with 20 pg Human total RNA. The sensitivity of the product is verified by amplification of GAPDH using 0.4 µl of the RT reaction and 35 cycles of PCR amplification resulting in the expected product. 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.
Christie Vazquez
Production Scientist
16 Nov 2021

Michael Tonello
Packaging Quality Control Inspector
16 Nov 2021