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## New England Biolabs Certificate of Analysis

Product Name: ProtoScript® II First Strand cDNA Synthesis Kit

Catalog Number: E6560L
Packaging Lot Number: 10227175
Expiration Date: 08/2025
Storage Temperature: -20°C

Specification Version: PS-E6560S/L v1.0

ProtoScript® II First Strand cDNA Synthesis Kit Component List			
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result
E6560S	ProtoScript® II First Strand cDNA Synthesis Kit	10227174	Pass

Assay Name/Specification	Lot # 10227175
* Individual Product Component Note	Pass
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)	Pass
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.	
Functional Testing (RT-PCR, Sensitivity)	Pass
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.	

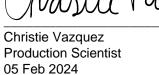
This product has been tested and shown to be in compliance with all specifications.

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E6560L / Lot: 10227175

Page 1 of 2



Michael Tonello

Packaging Quality Control Inspector

05 Feb 2024