

## Certificate of Analysis

<b>Name of Product</b>	Pro Green One-Step RT-PCR Kit
<b>Manufacturer</b>	Proteogenix, Pearls Business Park, Netaji Subhash Palace, New Delhi 110034, India
<b>Manufacturing Date</b>	25-06-2025
<b>Expiry Date</b>	25-06-2027

## Kit Components

Description	Quantity	Cat. No.	Lot No.
Pro Green One-Step RT-PCR Kit	1 ml	PX-FD-701	PFD7012507

**Performance Criteria** Amplification of cDNA from RNA targets with high sensitivity and minimal handling steps  
**Specification:** This Kit is a reaction mix containing reverse transcriptase, thermostable DNA polymerase, reaction buffer to perform reverse transcription and PCR amplification in a single tube.

## Quality Control Assessment

Test	Specification	Result
<b>Purity of components</b>	>99%	Conforms
<b>Nicking activity</b>	No activity	Conforms
<b>Phosphatase activity</b>	No activity	Conforms
<b>Functionality testing</b>	Reverse Transcription of target mRNA of 20 µl reaction volume for cDNA synthesis through PCR amplification	Conforms

**Storage Recommendations:** Store at -20°C

**Test Conducted by** Dr. Megha Kaushik **Testing Date** 02-07-2025

## Authorized Signature



Dr. Megha Kaushik  
Chief Scientific Officer  
Proteogenix Life science Private Limited

**Disclaimer:** This certificate certifies that the product meets the outlined specifications. We are committed to ensure that our products meet the highest quality standards, and we stand behind the efficacy and reliability of our offerings. If you have any questions or require further information, please reach out at technical services +919821999891 or from our website at [www.proteogenix.com](http://www.proteogenix.com). Actual results may differ based on experimental techniques and sample types. Users should perform their own validations tailored to their specific use case.

**Release Date:** 02-07-2025  
**Product Code:** PX-FD-701

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