

FastAmp® SARS-CoV-2 (COVID-19 Virus) Positive Control

Catalog #	4263
Package Size	300 µl

Description*:

FastAmp® SARS-CoV-2 (COVID-19 Virus) Positive Control is a cloning plasmid containing the full-length sequence of the SARS-CoV-2 nucleocapsid gene. In this is the included CDC COVID-19 RT-qPCR Probe Assays target regions within the viral SARS-CoV-2 nucleocapsid gene.

Product Includes:

- FastAmp® SARS-CoV-2 Positive Control, 300 µl at a concentration of 1,000,000 copies/µl in TE pH 8.0.

Benefits:

- Safe to use for research without potential worries of self-contamination.

Storage Temperature: -20 °C

Quality Control:

Functionally tested in RT-qPCR based on CDC recommended probe for activity, processivity, efficiency and sensitivity.

Safety Statement:

This kit is intended for **Research Use Only (RUO)**. It has been repeatedly tested by scientists at Intact Genomics and academic institutions. *Not tested by public health agencies*

Protocol**:

1. Dilute the FastAmp® SARS-CoV-2 Positive Control to 1,000 copies/µl with sterile, DI-H₂O.
2. Use 1µl of diluted FastAmp® SARS-CoV-2 Positive Control with each RT-qPCR reaction.

References:

* CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel <https://www.fda.gov/media/134922/download>

** *Limit of detection may vary between a circularized plasmid control and linear RNA.*