

## Instruction For Use

**SARS-CoV-2 RdRP Gene Plasmid Control** (Catalog# SYN20200401)

### Description

This plasmid control contains the WHO published RdRP primer/probe binding region and is inserted into the pUC57 vector.

### Contents

Plasmid control concentration:  $10^4$  copies/ $\mu$ L in TE PH 8.0, 100rxns (500  $\mu$ L).

### Storage Conditions

The plasmid controls should be stored at -15 to -30 °C in a constant temperature (non-frostfree) freezer.

### Supplemental Information For Use

1. Please avoid repeated freeze-thaw. Smaller aliquots can be created as needed based on use.
2. Plasmid controls can be diluted to lower concentrations by using ddH<sub>2</sub>O as needed for experimental requirements. Please use the fresh diluted controls at time of use. It is recommended to add 5  $\mu$ L per reaction.
3. Please be advised that the use of a circularized plasmid control may result in variation with the observed Limit of Detection when compared to Limit of Detection reported for linear RNA controls.
4. Please operate the plasmid control material in a separate area to avoid contamination of primers /probes and other detection reagents.

### SARS-CoV-2 RdRP PC Sequence

GTGAAATGGTCATGTGTGGCGGTTCACTATATGTTAAACCAGGTGGAACCTCATCA  
GGAGATGCCACAACCTGCTTATGCTAATAGTGTTTTTAACATTTG

**FOR RESEARCH LABORATORY TEST USE ONLY!**

For additional information or assistance, please visit [www.synbio-tech.com](http://www.synbio-tech.com) or email us at [support@synbio-tech.com](mailto:support@synbio-tech.com).

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