

Instruction For Use

SARS-CoV-2 Target 1 (ORF1ab) Gene Plasmid Control (Catalog# SYN20200403)

Description

The plasmid control contains the China CDC published ORF1ab primer/probe binding region and is inserted into the puc57 vector.

Contents

Plasmid control concentration: 10^4 copies/ μ L in TE PH 8.0, 50rxns (250 μ 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 using ddH₂O as needed for experimental requirements. Please use the freshly diluted controls at time of use. It is recommended to add 5 μ 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 primer / probes and other detection reagents.

SARS-CoV-Target 1 (ORF1ab) PC Sequence

CCCTGTGGGTTTTACTTAAAAACACAGTCTGTACCGTCTGCGGTATGTGGAAAGGTTAT
GGCTGTAGTTGTGATCAACTCCGCGAACCCATGCTTCAGTCAGCTGATGCACAATCGT

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