

Instructions For Use

Primer/Probe Set for US CDC (Catalog# SYN20200300)

Contents

Reagent Label	Target Gene	Components	Working Concentration	Vol per Reaction	Reactions / Tube
RP primers/probe Mix	Hs RNase P P30	RNase P Forward Primer	500 nM	1.5 µL	100rxn
		RNase P Reverse Primer	500 nM		
		RNase P Probe	125 nM		
2019-nCoV_N1 primers/probe Mix	2019-nCoV_N	2019-nCoV_N1 Forward Primer	500 nM	1.5 µL	100rxn
		2019-nCoV_N1 Reverse Primer	500 nM		
		2019-nCoV_N1 Probe	125 nM		
2019-nCoV_N2 primers/probe Mix	2019-nCoV_N	2019-nCoV_N2 Forward Primer	500 nM	1.5 µL	100rxn
		2019-nCoV_N2 Reverse Primer	500 nM		
		2019-nCoV_N2 Probe	125 nM		
2019-nCoV_N3 primers/probe Mix	2019-nCoV_N	2019-nCoV_N3 Forward Primer	500 nM	1.5 µL	100rxn
		2019-nCoV_N3 Reverse Primer	500 nM		
		2019-nCoV_N3 Probe	125 nM		

How to Resuspend the Primer/Probe

Upon receiving, you must first centrifuge the prime/probe. Then, add 150uL 1xTE or nuclease-free water to dissolve the lyophilized sample. After the sample has been dissolved, shake the reagent for 1 minute, then spin it down for immediate use.

Storage Conditions

1. This primer/probe set for US CDC is shipped at ambient temperature.
2. Please store all primers and probes at -20 °C.
3. Protect fluorescence probes from light.

Assay Protocol

Labs purchasing these RT-PCR primer/probe sets (research use only) need to develop and validate their own

test protocol prior to testing of specimens.

Sample assay protocol can be found on the US CDC website for your reference ([CDC 2019-Novel Coronavirus \(2019-nCoV\) Real-Time RT-PCR Diagnostic Panel](#)).

FOR RESEARCH LABORATORY TEST USE ONLY!

For additional information or assistance, please visit www.synbio-tech.com or email us at support@synbio-tech.com.

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