

# CERTIFICATE OF ANALYSIS

**Product name:** 2019-nCoV CDC Probe and Primer Kit for SARS-CoV-2  
**Catalog number:** KIT-nCoV-PP1-1000

## PRODUCT INFORMATION

**Kit lot number:** 143764  
**Date of manufacture:** 12 March 2020

The following components from this lot were tested and qualified for use by the Centers for Disease Control and Prevention under **EUA200001, CDC 2019-nCoV Real-Time RT-PCR Diagnostic Panel (CDC):**

**2019-nCoV\_N1                      2019-nCoV\_N2                      RP**

Please refer to: **EUA200001, CDC 2019-nCoV Real-Time RT-PCR Diagnostic Panel (CDC)**  
<https://www.fda.gov/medical-devices/emergency-situations-medical-devices/emergency-use-authorizations>

## Components

Name	Comp. lot no.	Sequence		Purification
2019-nCoV_N1	143765	<b>Fwd Primer</b>	5' GACCCCAAATCAGCGAAAT 3'	AX HPLC
		<b>Rev Primer</b>	5' TCTGGTTACTGCCAGTTGAATCTG 3'	AX HPLC
		<b>Probe</b>	5' FAM-ACCCCGCATTACGTTTGGTGGACC-BHQ-1 3'	Dual HPLC
2019-nCoV_N2	143766	<b>Fwd Primer</b>	5' TTACAAACATTGGCCGCAAA 3'	AX HPLC
		<b>Rev Primer</b>	5' GCGCGACATTCCGAAGAA 3'	AX HPLC
		<b>Probe</b>	5' FAM-ACAATTTGCCCCAGCGCTTCAG-BHQ-1 3'	Dual HPLC
RP	143767	<b>Fwd Primer</b>	5' AGATTTGGACCTGCGAGCG 3'	AX HPLC
		<b>Rev Primer</b>	5' GAGCGGCTGTCTCCACAAGT 3'	AX HPLC
		<b>Probe</b>	5' FAM-TTCTGACCTGAAGGCTCTGCGCG-BHQ-1 3'	Dual HPLC

**Amount delivered:** 22.5 nmol probe, forward and reverse primer blend per tube

**Product delivery format:** Dry

**Recommended storage conditions:** Kits may be stored at +2 to +8 °C, in the dark

**Expiry Date:** 12 March 2022 (2 years from DOM in dried form, established based on bio similar products)

## RELEASE DATA

Test	Specification	Results
Mass Spectrometry	Mass within 2.0% of target mass for each primer and probe	PASS
Purity by UPLC	All primers ≥ 90% purity	PASS
Purity by UPLC	All probes ≥ 90% purity	PASS

Manufactured in an ISO 9001:2015 certified facility.

**For Research Use Only. Not for use in diagnostic procedures.**

**Released by:** Jasmin El-Far

**Date:** 16 March 2020

