

New England Biolabs Certificate of Analysis

Product Name: SARS-CoV-2 Rapid Colorimetric LAMP Assay Kit
Catalog Number: E2019S
Packaging Lot Number: 10104430
Expiration Date: 04/2022
Storage Temperature: -20°C
Specification Version: PS-E2019S v2.0

SARS-CoV-2 Rapid Colorimetric LAMP Assay Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1883AVIAL	SARS-CoV-2 LAMP Primer Mix (N/E)	10085159	Pass
S0164AVIAL	Internal Control LAMP Primer Mix (rActin)	10085158	Pass
N2117SVIAL	SARS-CoV-2 Positive Control (N gene)	10094222	Pass
M1804SVIAL	WarmStart [®] Colorimetric LAMP 2X Master Mix with UDG	10102393	Pass
B2619AVIAL	Guanidine Hydrochloride	10099080	Pass
B1502AVIAL	Nuclease-free Water	10104354	Pass

Assay Name/Specification	Lot # 10104430
Functional Testing (RT-LAMP, SARS-CoV-2) SARS-CoV-2 Rapid Colorimetric LAMP Assay Kit is functionally tested and compared to a previous kit lot using human total RNA and human total RNA spiked with synthetic SARS-COV-2 RNA in a 30-minute colorimetric LAMP assay at 65°C. Prior to isothermal incubation, all assembled reactions must be pink. Following incubation, internal control reactions containing human total RNA with and without SARS-CoV-2 RNA and SARS-CoV-2 Positive Control reactions must result in a color change indicating positive detection while reactions that lack template remain pink. SARS-CoV-2 reactions containing human total RNA spiked with SARS-CoV-2 RNA must result in a color change indicating positive detection observable down to 50 copies while reactions that lack template remain pink.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in	Pass

Assay Name/Specification	Lot # 10104430
SARS-CoV-2 Rapid Colorimetric LAMP Assay Kit and meet the designated specifications.	

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



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21 May 2021



Josh Hersey
Packaging Quality Control Inspector
21 May 2021