

Supplemental Information

E_Sarbeco Primer-Probe Set

Contents

Each set contains 2 primers and 1 probe to be used in the “E gene assay” recently described by Prof. Drosten from Charite Virology, Berlin, Germany [1]. The primers and probes are delivered in separate tubes solubilized in ultrapure water.

Component	Yield in Tube	Concentration in Tube	Volume
E_Sarbeco_F1	30 nmol	100 µM	300 µl
E_Sarbeco_R2	30 nmol	100 µM	300 µl
E_Sarbeco_P1	10 nmol	100 µM	100 µl

Functionality Testing*

Test	Method	Specification	Result
No Template Control	Real-time PCR	0/24 with Cp<40	Conforms
Positive Control	Real-time PCR	3/3 with Cp<40	Conforms

*tested on Roche LightCycler®480 according to reference [1]

Storage Conditions

The “E_Sarbeco Primer-Probe Set” is shipped at ambient temperature. Upon receipt, store it at –15 to –30°C in a freezer until use. Avoid repeated freezing and thawing. Store an aliquot of the solution in the fridge (2-8 °C) for no longer than 2 weeks.

Assay Protocol

Labs purchasing this research use only set need to develop and validate their own test protocol prior to testing of specimens. For sample assay protocol please see reference below.

References

[1] “Diagnostic detection of 2019-nCoV by real-time RT-PCR” (Protocol and preliminary evaluation as of Jan 17, 2020)

For research use only; not for diagnostic purposes

For additional information or assistance, visit www.microsynth.ch or email us at oligo.support@microsynth.ch.