

## Supplemental Information

### RdRP\_SARS Primer-Probe Set

#### Contents

Each set contains 2 primers and 2 probes to be used in the “RdRP 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
RdRP_SARSr-F2	30 nmol	100 µM	300 µl
RdRP_SARSr-R1	30 nmol	100 µM	300 µl
SARSr-P2	10 nmol	100 µM	100 µl
SARSr-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 “RdRP\_SARS 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](http://www.microsynth.ch) or email us at [oligo.support@microsynth.ch](mailto:oligo.support@microsynth.ch).