

# ANCHOR

## SARS-CoV-2 PCR Kit v 2.0

- Quick Guide -

### General Recommendation



Carefully read instructions for use

### Kit Components



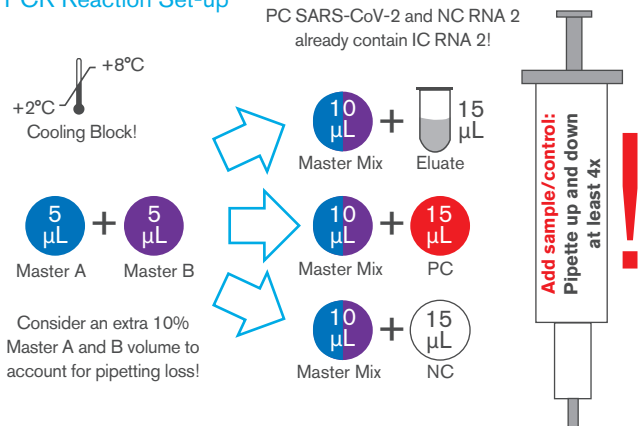
Master A SARS-CoV-2	Master B SARS-CoV-2	IC RNA 2	! PC SARS-CoV-2	! NC RNA 2
4 Vials	4 Vials	4 Vials	1 Vial	1 Vial
4x 480 $\mu$ L	4x 480 $\mu$ L	4x 1000 $\mu$ L	200 $\mu$ L	200 $\mu$ L

**! INTERNAL CONTROL INSIDE !**

### Internal Control

IC RNA 2 as Purification Control  $\rightarrow$  Add 10% of the elution buffer volume to the sample/lysis mixture (refer to section "Sample Preparation" in the Instructions for Use for details).

### PCR Reaction Set-up



## Cycler Settings

Reaction volume: 25 µL

Instrument	SARS-CoV-2	IC RNA 2
LightCycler 480 II	465/510	533/580
Cobas z 480	465/510	540/580
Bio-Rad CFX 96	FAM	HEX
Rotor-GeneQ	Green	Yellow
QuantStudio 5	FAM	HEX

Temperature Profile		
50°C	120 sec	Hold x 1
95°C	1 sec	Cycling x 40
65°C *	2 sec	
72°C	1 sec	

Instrument	SARS-CoV-2	IC RNA 2
Mic qPCR	Green	Yellow
Select „Standard TAQ“ - Run Profile / Temperature Control		

Temperature Profile		
50°C	120 sec	Hold x 1
95°C	1 sec	Cycling x 40
63°C *	2 sec	
72°C	1 sec	

\* Fluorescence acquisition SARS-CoV-2 and IC

## Storage

- The Anchor SARS-CoV-2 PCR Kit v 2.0 should be stored at -30 to -15°C.
- Repeated thawing and freezing of the Master reagents of > 3x should be avoided.
- Due to the components used it might be possible that Master vials do not always freeze completely after initial thawing. This is not a matter of concern and does not influence the stability or performance of the assay.
- If the reagents are to be used only intermittently, they should be frozen in aliquots.
- During PCR set up the reagents should be kept cooled at +2 to +8°C - Cooling Block!
- Do not store Master A and B SARS-CoV-2 more than 3 h at +2 to +8°C.
- Protect all reagents from extensive light exposure.

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### Contact

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### Support

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