

ANCHOR

Norovirus PCR Kit

- Quick Guide -



General Recommendation

Carefully read instructions for use

Kit Components



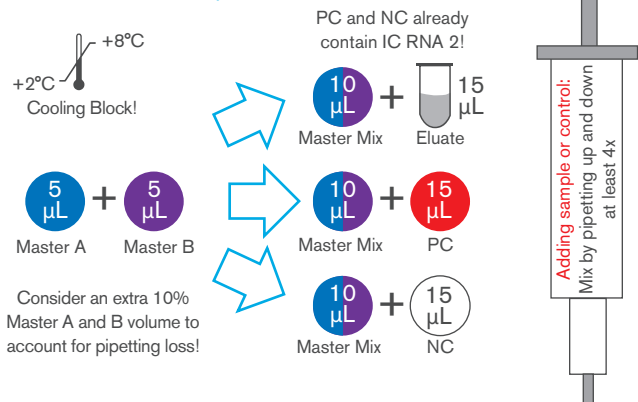
| Master A Norovirus | Master B Norovirus | IC RNA 2 | ! PC Norovirus GI/II | ! NC RNA 2 |
|-----------------------|-----------------------|--------------|-------------------------|---------------|
| 4 Vials | 4 Vials | 1 Vial | 1 Vial | 1 Vial |
| 4x 125 μ L | 4x 125 μ L | 1000 μ L | 200 μ L | 200 μ 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 | Noro GII | IC RNA 2 | Noro GI |
|--------------------|----------|----------|-----------|
| LightCycler 480 II | 465/510 | 533/580 | 618/660 |
| Cobas z 480 | 465/510 | 540/580 | 610/645 |
| Bio-Rad CFX 96 | FAM | HEX | TEXAS RED |
| Rotor-GeneQ | Green | Yellow | Orange |
| QuantStudio 5 | FAM | HEX | TEXAS RED |
| Mic qPCR | Green | Yellow | Orange |

Temperature Profile

| For LC 480 II, Cobas z 480, CFX 96, RGQ, QS 5 | | | For Mic qPCR | | |
|---|---------|-----------------|--------------|---------|-----------------|
| 50°C | 120 sec | Hold x 1 | 50°C | 120 sec | Hold x 1 |
| 95°C | 1 sec | Cycling x 40 | 95°C | 1 sec | Cycling x 40 |
| 65°C * | 2 sec | | 63°C * | 2 sec | |
| 72°C | 1 sec | | 72°C | 1 sec | |

* Fluorescence acquisition Norovirus GI, GII and IC

Select „Standard TAQ“

- Run Profile / Temperature Control

Storage

- The Anchor Norovirus PCR Kit 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 Norovirus more than 3h at +2 to +8°C.
- Protect all reagents from extensive light exposure.

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