

ANCHOR

CMV PCR Kit

- Quick Guide -

CE
0483

General Recommendation

Carefully read instructions for use

Kit Components

Σ 100

Master A CMV	Master B CMV	IC DNA 2	QS1-4 CMV	NC DNA 2
4 Vials	4 Vials	1 Vial	1 Vial each	1 Vial
4x 125 μ L	4x 125 μ L	1000 μ L	200 μ L	200 μ L

Internal Control

IC DNA 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

QS1-4 CMV and NC DNA 2
already contain IC DNA 2!

+2°C
Cooling Block!

5 μ L + 5 μ L
Master A Master B

Consider an extra 10%
Master A and B volume to
account for pipetting loss!



Cycler Settings

Reaction volume: 25 µL

Instrument	CMV	IC DNA 2
LightCycler 480 II	465/510	533/580
Bio-Rad CFX 96	FAM	HEX
Rotor-GeneQ	Green	Yellow
QuantStudio 5	FAM	HEX

Temperature Profile		
95°C	1 sec	x 40
65°C *	2 sec	
72°C	1 sec	

Instrument	CMV	IC DNA 2
Mic qPCR	Green	Yellow
Select „Standard TAQ“ - Run Profile / Temperature Control		

Temperature Profile		
95°C	1 sec	x 40
63°C *	2 sec	
72°C	1 sec	

* Fluorescence acquisition CMV/IC

Storage

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

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