

TECHNICAL SPECIFICATIONS

Product Name:	RAID-CRC Screen qPCR Kit
Number of reactions:	250 reactions
Catalogue Number:	CRC-01-1250-01
Lot Number:	0000868157
Manufacturing Date:	2024/08
Expiration Date:	2025/12/05

The analysis of the samples is performed with the software included in the real-time PCR equipment and according to the manufacturer's instructions for use. Before performing data analysis, select the preestablished analysis settings for each primers + probe set (i.e., baseline settings and threshold values) according to the specifications reported below.

The Ct range established for Positive and No Template Control according to the real-time PCR equipment used is also reported below.

AriaDx (Agilent Technologies)

- For the analysis using AriaDx qPCR system: **colourless** strip-tubes for PCR or qPCR and optical tube strips caps (8 x strip).

Marker	Dye	Positive Control Range (Ct)	No Template Control (Ct)
SCR_A_1	FAM	9.96 – 12.17	>21.00
SCR_A_2	HEX	16.84 – 20.58	>30.00
SCR_A_3	ROX	19.69 – 24.07	>31.00
SCR_B_1	HEX	14.22 – 17.38	>30.00
SCR_B_2	CY5	16.05 – 19.62	>32.00
SCR_C_1	FAM	10.38 – 12.69	>28.00

TECHNICAL SPECIFICATIONS

CFX96 (BioRad)

- For the analysis using CFX96 qPCR system: white strip-tubes for PCR or qPCR and optical tube strips caps (8 x strip)
- Specifications for analysing the results using CFX96 software:
 - 1) Select BR White in plate type.
 - 2) Apply the fluorescence drift correction.

Marker	Dye	Positive Control Range (Ct)	No Template Control (Ct)
SCR_A_1	FAM	10.13 – 12.38	>21.00
SCR_A_2	HEX	16.79 – 20.52	>30.00
SCR_A_3	ROX	19.98 – 24.42	>31.00
SCR_B_1	HEX	14.70 – 17.97	>30.00
SCR_B_2	CY5	16.31 – 19.94	>32.00
SCR_C_1	FAM	10.55 – 12.89	>28.00

Note: The Technical Specifications for the analysis of the RAID-CRC Screen are only applicable when the DNeasy Powersoil Pro DNA extraction Kit is used. For more information see the Instructions For Use.