

TECHNICAL SPECIFICATIONS

Product Name:	RAID-Dx qPCR Kit
Catalogue Number:	DX-02-1024-01-LP
qPCR kit lot Number:	RAI124L-121013
GoodGut-Test lot number:	RAI124L-121013
Number of kits:	200
Number of reactions / kit:	24
Manufacturing Date:	2025/11/26
Expiration Date:	2028/11/26

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.

TECHNICAL SPECIFICATIONS

CFX96 (BioRad)

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

Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
GG1	DX_1_FAM	10.35 – 12.64	> 22.00
	DX_1_HEX	16.31 – 19.93	> 28.00
	DX_1_ROX	13.12 – 16.04	> 28.00
GG2	DX_2_FAM	12.07 – 14.75	> 29.00
	DX_2_HEX	10.06 – 12.29	> 29.00
	DX_2_ROX	20.82 – 25.45	> 29.00
GG3	DX_3_FAM	16.97 – 20.74	> 29.00
	DX_3_HEX	17.14 – 20.95	> 29.00
	DX_3_ROX	16.48 – 20.15	> 29.00

TECHNICAL SPECIFICATIONS

AriaDx (Agilent Technologies)

- For the analysis using AriaDx qPCR system: strip-tubes for PCR or qPCR and optical tube strips caps (8 x strip) included in the RAID-Dx qPCR kit.

Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
GG1	DX_1_FAM	9.53 – 11.65	> 22.00
	DX_1_HEX	14.95 – 18.27	> 28.00
	DX_1_ROX	11.91 – 14.55	> 28.00
GG2	DX_2_FAM	11.45 – 13.99	> 29.00
	DX_2_HEX	9.65 – 11.79	> 29.00
	DX_2_ROX	20.42 – 24.96	> 29.00
GG3	DX_3_FAM	15.91 – 19.44	> 29.00
	DX_3_HEX	16.34 – 19.97	> 29.00
	DX_3_ROX	16.36 – 20.00	> 29.00

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



GoodGut SLU

Technical manager

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Values certified by Technical Management of GoodGut S.L.U.