

TECHNICAL SPECIFICATIONS

Product Name: **TestUrGut qPCR kit**

Number of reactions: **24 reactions**

Catalogue Number: **TUG-01-1024**

qPCR kit lot Number: **0000918121**

GoodGut-Test lot number: **0000918121**

Manufacturing Date: **2025/07/17**

Expiration Date: **2027/07/16**

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.

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.

Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
TUG_1	TUG_1_FAM	12.60 – 15.41	> 22.00
	TUG_1_HEX	15.24 – 18.62	> 28.00
	TUG_1_ROX	13.43 – 16.41	> 28.00

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Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
TUG_2	TUG_2_FAM	12.31 – 15.04	> 29.00
	TUG_2_HEX	16.57 – 20.26	> 31.00
	TUG_2_ROX	16.19 – 19.79	> 32.00
TUG_3	TUG_3_FAM	10.41 – 12.72	> 29.00
	TUG_3_HEX	16.36 – 19.99	> 28.00
	TUG_3_ROX	15.49 – 18.93	> 29.00
TUG_4	TUG_4_FAM	12.56 – 15.35	> 29.00
	TUG_4_HEX	13.21 – 16.14	> 28.00
TUG_5	TUG_5_FAM	12.96 – 15.84	> 28.00
	TUG_5_HEX	14.82 – 18.12	> 29.00
TUG_6	TUG_6_FAM	12.81 – 15.66	> 29.00
	TUG_6_ROX	16.73 – 20.44	> 35.00

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).

Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
TUG_1	TUG_1_FAM	12.24 – 14.96	> 22.00
	TUG_1_HEX	15.43 – 18.86	> 28.00
	TUG_1_ROX	12.61 – 15.41	> 28.00
TUG_2	TUG_2_FAM	12.39 – 15.14	> 29.00
	TUG_2_HEX	16.16 – 19.75	> 31.00
	TUG_2_ROX	15.82 – 19.34	> 32.00

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Multiplex	Marker	Positive Control Range (Ct)	No Template Control (Ct)
TUG_3	TUG_3_FAM	10.47 – 12.80	> 29.00
	TUG_3_HEX	16.18 – 19.78	> 28.00
	TUG_3_ROX	14.99 – 18.32	> 29.00
TUG_4	TUG_4_FAM	12.41 – 15.17	> 29.00
	TUG_4_HEX	13.23 – 16.17	> 28.00
TUG_5	TUG_5_FAM	12.66 – 15.48	> 28.00
	TUG_5_HEX	14.49 – 17.71	> 29.00
TUG_6	TUG_6_FAM	12.28 – 15.01	> 29.00
	TUG_6_ROX	16.03 – 19.60	> 35.00

Note: The Technical Specifications for the analysis of the TestUrGut 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.