

Q Protocol

QIAgility™ assay setup protocol using the Rotor-Gene® Multiplex PCR Kit

Q Protocol description

- Simultaneously screens for 3 targets per tube using triplex PCR
- Three 20x primer –probe mixes
- Up to 23 different DNA samples
- Final primer concentration = 0.5 μM
- Final probe concentration = 0.2 μM

Assay setup

Liquid	Volume (μl)
Master mix	20
Sample	5
Total reaction volume	25

Liquid	Number
Samples	Up to 23
Targets	3
Replicates	3
No template controls	3
Reactions	72



Worktable setup

Liquid	Plates/tubes
Samples	PCR Tubes, 0.2 ml
Reactions	Rotor-Disc™ 72
Reagent	Use tubes supplied with kit
RNase-free water	Use tubes supplied with kit
Final master mixes	Micro tube 2 ml with cap
Primer-probe mixes	Micro tube 1.5 ml Safety Cap

For more detailed Q Protocol and worktable setup information, see the pre-run report and the *Rotor-Gene Multiplex Handbook*.

Ordering information

Product	Contents	Cat. no.
Rotor-Gene Multiplex PCR Kit (80)*	For 80 x 25 µl reactions: 1 ml 2x Rotor-Gene Multiplex PCR Master Mix, 2 ml RNase-Free Water	204772
Rotor-Gene Multiplex PCR Kit (400)*	For 400 x 25 µl reactions: 3 x 1.7 ml 2x Rotor-Gene Multiplex PCR Master Mix, 2 x 2 ml RNase-Free Water	204774
Rotor-Disc 72 Loading Block†	Aluminum block for manual and automated reaction setup in Rotor-Disc 72 discs	9018910
Rotor-Disc 72 (24)‡	24 individually wrapped discs for 1728 reactions	981301
PCR Tubes, 0.2 ml (1000)*	1000 thin-walled tubes for 1000 reactions	981005

* Visit www.qiagen.com for more detailed information about the Rotor-Gene Multiplex PCR Kit. Please be aware that the number of reactions will be 10–20% lower than indicated to guarantee process safety and optimal performance.

† Rotor-Disc 72 Loading Block is also included in the Rotor-Disc 72 Starter Kit (9001600).

‡ Different pack sizes are available, visit www.qiagen.com for more detailed information.

Consumables to be supplied by user

Micro tube 1.5 ml Safety Cap, cat. no. 72.690 (www.sarstedt.com)

Micro tube 2 ml with cap, cat. no. 72.694 (www.sarstedt.com)

The QIAgility is intended for molecular biology applications. This product is neither intended for the diagnosis, prevention, or treatment of a disease, nor has it been validated for such use either alone or in combination with other products.

The Rotor-Gene Multiplex PCR Kit is intended for research use. No claim or representation is intended to provide information for the diagnosis, prevention, or treatment of a disease.

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Sample & Assay Technologies