

Q Protocol

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

Q Protocol description

- Tests 4 DNA targets using 4 different primer sets
- Up to 5 different samples
- Primer starting concentration = 10 μ M
- Primer final concentration = 1 μ M

Assay setup

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

Liquid	Number
Samples	Up to 5
Targets	4
Replicates	3
No template controls	3
Reactions	72



Worktable setup

Liquid	Plates/tubes
Samples	Micro tube 1.5 ml Safety Cap
Reactions	Strip Tubes and Caps, 0.1 ml
Reagent	Use tubes supplied with kit*
RNase-free water	Use tubes supplied with kit
Final master mixes	Micro tube 1.5 ml Safety Cap
Primer solutions	Micro tube 1.5 ml Safety Cap

* Add the volume of reagent that is specified in the Q Protocol to these tubes.

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

Ordering information

Product	Contents	Cat. no.
Rotor-Gene SYBR Green PCR Kit (80)*	For 80 x 25 μ l reactions: 1 ml 2x Rotor-Gene SYBR Green PCR Master Mix, 2 ml RNase-Free Water	204072
Rotor-Gene SYBR Green PCR Kit (400)*	For 400 x 25 μ l reactions: 3 x 1.7 ml 2x Rotor-Gene SYBR Green PCR Master Mix, 2 x 2 ml RNase-Free Water	204074
Adapter 72x0.1 ml Strip Tubes	For holding 72 x 0.1 ml Strip Tubes. Tubes are secured with a locking mechanism	9018917
Strip Tubes and Caps, 0.1 ml (250) [†]	250 strips of 4 tubes and caps for 1000 reactions	981103

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

[†] Available in different pack sizes, visit www.qiagen.com for more information.

Consumables to be supplied by user

Micro tube 1.5 ml Safety Cap, cat. no. 72.690 (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 SYBR Green 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.

Purchase of this product (Rotor-Gene SYBR Green PCR Kit) is accompanied by a limited, non-transferable immunity from suit to use it with detection by a dsDNA-binding dye as described in U.S. Patents Nos. 5,994,056 and 6,171,785 and corresponding patent claims outside the United States for the purchaser's own internal research. No real-time apparatus or system patent rights or any other patent rights, and no right to use this product for any other purpose are conveyed expressly, by implication or by estoppel.

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Sample & Assay Technologies