

Q Protocol

QIAgility™ assay setup protocol using the QIAGEN® OneStep RT-PCR Kit

Q Protocol description

- End-point PCR setup for 4 different targets
- Up to 23 different samples
- Primer starting concentration = 10 μM
- Primer final concentration = 0.6 μM
- Q-Solution® is not used

Recommended: We recommend using precooled adapters for reagents, samples and reactions.

Assay setup

Liquid	Volume (μl)
Master mix	45
Sample	5
Total reaction volume	50

Liquid	Number
Samples	Up to 23
Targets	4
Replicates	1
No template controls	1
Reactions	96



Worktable setup

Liquid	Plates/tubes
Samples	Micro tube 1.5 ml Safety Cap
Reactions	96-well PCR plate, 0.2 ml
Reagent	Use tubes supplied with kit*
RNase-free water	5 ml Tube; Graduated, Flat-Base
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 *QIAGEN OneStep RT-PCR Kit Handbook*.

Ordering information

Product	Contents	Cat. no.
QIAGEN OneStep RT-PCR Kit (25)*	For 25 reactions: QIAGEN OneStep RT-PCR Enzyme Mix, 5x QIAGEN OneStep RT-PCR Buffer, dNTP Mix, 5x Q-Solution, RNase-free water	210210
QIAGEN OneStep RT-PCR Kit (100)*	For 100 reactions: QIAGEN OneStep RT-PCR Enzyme Mix, 5x QIAGEN OneStep RT-PCR Buffer, dNTP Mix, 5x Q-Solution, RNase-free water	210212
5 ml Tube; Graduated, Flat-Base	Bag of 50; for holding diluent on the instrument worktable; graduated, flat-base design with a tapered internal profile; screw cap included	990552

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

Consumables to be supplied by user

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

96-well PCR plate, non-skirted e.g., Thermo cat.no. AB-0600 (www.abgene.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 QIAGEN OneStep RT-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