

QIAGEN Supplementary Protocol

iCycler iQ[®] software setup for the QuantiFast[®] Probe RT-PCR + ROX Vial Kit

This protocol shows the necessary parameters that need to be entered into the iCycler iQ software when using the QuantiFast Probe RT-PCR + ROX Vial Kit.

IMPORTANT: Please read the *QuantiFast Probe RT-PCR Handbook*, paying careful attention to the “Safety Information” section, before beginning this procedure.

Procedure

1. Launch the software and set up the parameters for RT-PCR as shown below. Enable data collection in Step 2 of Cycle 3 as shown below.

The screenshot shows the iCycler iQ software interface. On the left, under "Show options:", there are checkboxes for "Infinite Hold", "Gradient", "Melt Curve", "Increment Temperature", "Decrement Temperature", "Increment Time", "Decrement Time", "Ramping", "Cycle Description", and "Step Process". Below these are buttons for "Insert Cycle", "Delete Cycle", "Insert Step", and "Delete Step". In the center is a table with the following data:

Cycle	Repeats	Step	Dwell Time	Setpoint	Melt Curve	- Temp	+ Time	- Time
1	1	1	10:00	50.0	<input type="checkbox"/>			
2	1	1	05:00	95.0	<input type="checkbox"/>			
3	40	1	00:10	95.0	<input type="checkbox"/>			
		2	00:30	60.0	<input type="checkbox"/>			

On the right, under "Select data collection step(s):", there are three cycles listed. Cycle 1 has Step 1 selected. Cycle 2 has Step 1 selected. Cycle 3 has Step 1 selected and Step 2 REAL-TIME selected with a camera icon.

2. Load your PCR plate and start the program.



QIAGEN handbooks can be requested from QIAGEN Technical Service or your local QIAGEN distributor. Selected handbooks can be downloaded from www.qiagen.com/literature.

Material safety data sheets (MSDS) for any QIAGEN product can be downloaded from www.qiagen.com/Support/MSDS.aspx.

The QuantiFast Probe RT-PCR +ROX Vial Kit is intended for research use. No claim or representation is intended to provide information for the diagnosis, prevention, or treatment of a disease.

Trademarks: QIAGEN®, QuantiFast® (QIAGEN Group); iCycler iQ® (Bio-Rad Laboratories, Inc.). Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.

The QuantiFast Probe RT-PCR +ROX Vial Kit is an Authorized 5' Nuclease Core Kit without Licensed Probe. Its purchase price includes a limited, non-transferable immunity from suit under certain patents owned by Roche Molecular Systems, Inc. or F. Hoffmann-La Roche Ltd, for using only this amount of the product in the practice of the 5' nuclease process solely for the purchaser's own internal research when used in conjunction with Licensed Probe. No right under any other patent claims (such as apparatus or system claims) and no right to use this product for any other purpose is hereby granted expressly, by implication or by estoppel. Further information on purchasing licenses may be obtained by contacting the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

Purchase of the QuantiFast Probe RT-PCR +ROX Vial Kit is accompanied by a limited, non-transferable license under RT and Reverse Transcription-PCR patents owned by Roche Molecular Systems, Inc. and F. Hoffmann-La Roche Ltd to use it for the purchaser's own internal research. No real-time patent rights of any kind, no right under any other patent claims (such as apparatus or system claims), and no right to use this product for any other purpose is hereby granted expressly, by implication or by estoppel.

PCR99 Jan-09 © 2009 QIAGEN, all rights reserved.

www.qiagen.com

Canada = 800-572-9613

Ireland = 1800 555 049

Norway = 800-18859

China = 0086-21-3865-3865

Italy = 800-787980

Singapore = 65-67775366

Denmark = 80-885945

Japan = 03-6890-7300

Spain = 91-630-7050

Australia = 1-800-243-800

Finland = 0800-914416

Korea (South) = 1544 7145

Sweden = 020-790282

Austria = 0800/281010

France = 01-60-920-930

Luxembourg = 8002 2076

Switzerland = 055-254-22-11

Belgium = 0800-79612

Germany = 02103-29-12000

Mexico = 01-800-7742-639

UK = 01293-422-911

Brazil = 0800-557779

Hong Kong = 800 933 965

The Netherlands = 0800 0229592

USA = 800-426-8157

