



QIAGEN Supplementary Protocol:

iCycler iQ[®] Software Setup for the QuantiFast[™] Probe 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 PCR +ROX Vial Kit.

IMPORTANT: Please read the *QuantiFast Probe PCR Handbook*, paying careful attention to the safety information, before beginning this procedure. The QuantiFast Probe 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.

Procedure

1. Launch the software and set up the parameters for PCR as shown below. Enable data collection in Step 2 of Cycle 2 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". At the bottom is a table with the following data:

Cycle	Repeats	Step	Dwell Time	Setpoint	Melt Curve	- Temp	+ Time	- Time
1	1	1	03:00	95.0	<input type="checkbox"/>			
2	40	1	00:03	95.0	<input type="checkbox"/>			
		2	00:30	60.0	<input type="checkbox"/>			

On the right, under "Select data collection step(s)", there is a tree view showing "Cycle 1" with "Step 1" and "Cycle 2" with "Step 1" and "Step 2 REAL-TIME". The "Step 2 REAL-TIME" option is selected with a yellow 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/handbooks/default.aspx. Material safety data sheets (MSDS) for any QIAGEN product can be downloaded from www.qiagen.com/ts/msds.asp.

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