



QIAGEN Supplementary Protocol:

iCycler iQ[®] Software Setup for the QuantiFast[™] SYBR[®] Green PCR Kit

This protocol shows the necessary parameters that need to be entered into the iCycler iQ software when using the QuantiFast SYBR Green PCR Kit.

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

Procedure

1. Launch the software and set up the parameters for PCR and melting curve analysis as shown below. Enable data collection in Step 2 of Cycle 2 as shown below.

Show options:

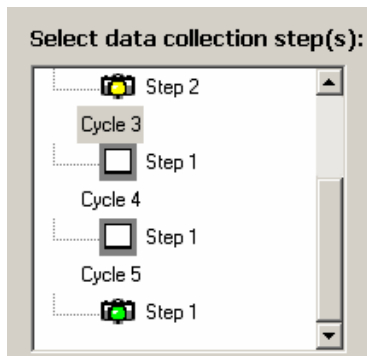
<input type="checkbox"/> Infinite Hold	<input type="checkbox"/> Increment Time
<input type="checkbox"/> Gradient	<input type="checkbox"/> Decrement Time
<input checked="" type="checkbox"/> Melt Curve	<input type="checkbox"/> Ramping
<input type="checkbox"/> Increment Temperature	<input type="checkbox"/> Cycle Description
<input type="checkbox"/> Decrement Temperature	<input type="checkbox"/> Step Process

Select data collection step(s):

- Cycle 1
 - Step 1
- Cycle 2
 - Step 1
 - Step 2
- Cycle 3
 - Step 1
- Cycle 4
 - Step 1

Cycle	Repeats	Step	Dwell Time	Setpoint	Melt Curve	+ Temp	- Temp	+ Time	- Time
1	1	1	05:00	95.0	<input type="checkbox"/>				
2	40	1	00:10	95.0	<input type="checkbox"/>				
		2	00:30	60.0	<input type="checkbox"/>				
3	1	1	01:00	95.0	<input type="checkbox"/>				
4	1	1	01:00	55.0	<input type="checkbox"/>				
5	80	1	00:10	55.0	<input checked="" type="checkbox"/>	0.5			

2. Enable data collection in Step 1 of Cycle 5 (for melting curve analysis) as shown below.



3. 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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Purchase of the QuantiFast 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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