



## QIAGEN Supplementary Protocol:

### iCycler iQ<sup>®</sup> Software Setup for the QuantiFast<sup>™</sup> SYBR<sup>®</sup> Green RT-PCR Kit

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

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

#### Procedure

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

Cycle	Repeats	Step	Dwell Time	Setpoint	Melt Curve	+ Temp	- 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"/>				
4	1	1	01:00	95.0	<input type="checkbox"/>				
5	1	1	01:00	55.0	<input type="checkbox"/>				
6	80	1	00:10	55.0	<input checked="" type="checkbox"/>	0.5			

**Select data collection step(s):**

Cycle 2  Step 1

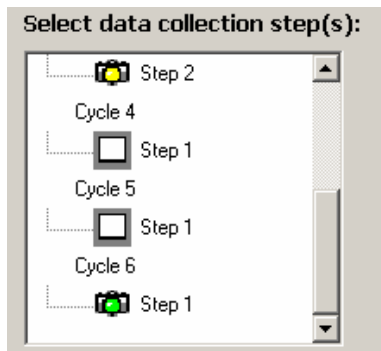
Cycle 3  Step 1

Cycle 3  Step 2

Cycle 4  Step 1

Cycle 5  Step 1

**2. Enable data collection in Step 1 of Cycle 6 (for melting curve analysis) as shown below.**



**3. Load your PCR plate and start the program.**

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