

Real-time PCR Shared Resource

BRT Room 236

Phone: 614-688-5810

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Name: _____ Date: _____ Phone: _____

PI: _____ Time: _____ Remarks: _____

Chemistry: **TaqMan** **SYBR Green** **Other (Please Specify):** _____

Absolute Quantification **Relative quantification** **Allelic Discrimination**

Reporter Dye: _____

Reporter Dye: _____

Quencher Dye: _____

Quencher Dye: _____

*** Please label (indicate) which gene contains which assay.**

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

Please inform us if alternate parameters are required

Thermal Cycling Parameters*

Number of cycles: _____ Sample Volume: _____ Thermal Cycling parameters: _____

Step	UNG Incubation	AmpliTaq Gold Activation	PCR 40 Cycles	
	Hold	Hold	Denature	Anneal/Extend
Temperature	50 C	95 C	95C	60C
Time	2 min	10 min	15 sec	1min

* Important the 2 min, 50C step is required for optimal ampErase UNG enzyme activity. The 10 min, 95C required to activate .AmpliTaq Gold DNA polymerase

Important Points to remember:

1. Bring your plate at least five minutes prior to your run time.
2. Fill this form out completely and bring it with your plate.
3. If your run will be longer than 2.5 hours, you must be sign up for 4:30pm time slot
4. If you must cancel your scheduled time, do so 24 hours in advance to avoid charges
5. Use only flat caps for your plate
6. Do not write on the plate

Would you like your plate saved after run is completed? YES NO