



Submissions MUST be dropped off before 3 PM to be processed on the same day.

For submissions of 3 or more 384-well plates at one time, contact the Genomics Core at gtsf@msu.edu at least 24 hours in advance to confirm instrument availability.

Name:		PI/Lab:	
MSU NetID:		Department:	
Email:		MSU Account #*:	
Do you need access to Genomics Depot? YES NO		Signature:	

*Off-campus researchers should contact gtsf@msu.edu with any questions regarding payment prior to submitting samples.

Number of 96-well plates (limit to 4): _____ Number of 384-well plates: _____ Reaction volume (µl): _____

Plate 1 Name: _____

Plate 3 Name: _____

Plate 2 Name: _____

Plate 4 Name: _____

Check Dye(s) and Quencher(s) used:

Dye(s)	NFQ-MGB	TAMRA	Other
<input type="checkbox"/> FAM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> VIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> HEX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> NED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> ROX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> ABY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> JUN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Mustang Purple	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SYBR – include dissociation curve? YES NO

What cycling conditions should be used?

Default DNA (Standard)

Step	Temperature (°C)	Duration	# of Cycles
Initial Incubation	50	2 min	1
Initial Denaturation	95	10 min	1
Denaturation	95	15 sec	40
Annealing & Extension	60	1 min	

Default DNA (Fast)

Step	Temperature (°C)	Duration	# of Cycles
Initial Denaturation	95	20 sec	1
Denaturation	95	1 sec	40
Annealing & Extension	60	20 sec	

Default RNA (Standard) – for Total RNA only

Step	Temperature (°C)	Duration	# of Cycles
Initial Incubation	48	30 min	1
Initial Denaturation	95	10 min	1
Denaturation	95	15 sec	40
Annealing & Extension	60	1 min	

Custom

Step	Temperature (°C)	Duration	# of Cycles
Initial Incubation			
Initial Denaturation			
Denaturation			
Annealing & Extension			

OFFICE USE ONLY	Qty	Rate	Amount
384-well plate(s)		\$38	
1 x 96-well plate		\$59	
2 x 96-well plates		\$69	
3 x 96-well plates		\$80	
4 x 96-well plates		\$90	
Dissociation Curve		\$8.50	
384-well optical plate		\$5	
Optical sealing film		\$3	
TOTAL:			