QUICK START GUIDE

COMBINATI

Absolute Q

Quick Start Guide: 5X Combinati MasterMix

Getting Started

- [ ] MAP16 Plate
- [ ] 5 gaskets (per plate to be run)
- [ ] Combinati PCR Master Mix
- [ ] Combinati Isolation Buffer
- [ ] Nuclease Free Water
- [ ] P20 Pipette Tips
- [ ] Table Top Centrifuge

Reagent	Final Concentration	Volume Per Run	My Reaction
5X Combinati MasterMix	1X	1.8µL	
Assay (20X)	1X[1]	0.45µL	
DNA Sample	1-100,000 copies/reaction	Variable	
Water	Fill to 9µL	Variable	
	Total	**9µL**	

[1]Final concentration and volume depends on the assay you select. For probe based assays the recommended final forward and reverse primer concentration is 900nM final each. The recommended probe concentration is 250nM final.

Sample Preparation

Select your master mix and prepare your PCR mix. Before you load the plate, follow the steps below.

1. Mix reagents well

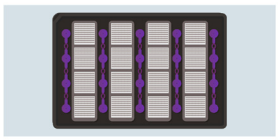
2. Spin at 10,000xg for 1-2 minutes

3. Use a new tip for each well

Load the MAP16 Plate

4. Load 9µL PCR mix to bottom

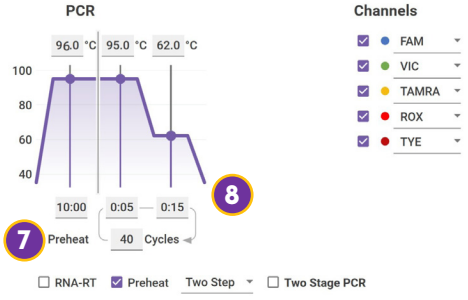
5. Load 15µL isolation buffer overlay



6. Apply 5 gaskets to the plate

For any unused array **in column to be run**, add 24µL of isolation buffer to well.

Setting up the Run



7. Set hot start to 96°C for 10 minutes
8. No post-cycling steps required or recommended