



PCR Quantification with Melt Curve Report PCR Base Line Subtracted Curve Fit Data

Current Date: **01-Sep-03 10:41 AM**
Data generated on: **21-May-03 at 03:05 PM.**

Optical data file name: **mmz_210503.opd**
Plate Setup file used: **ray_mmz1.pts**
Protocol file used: **ray_mmz1.tmo**

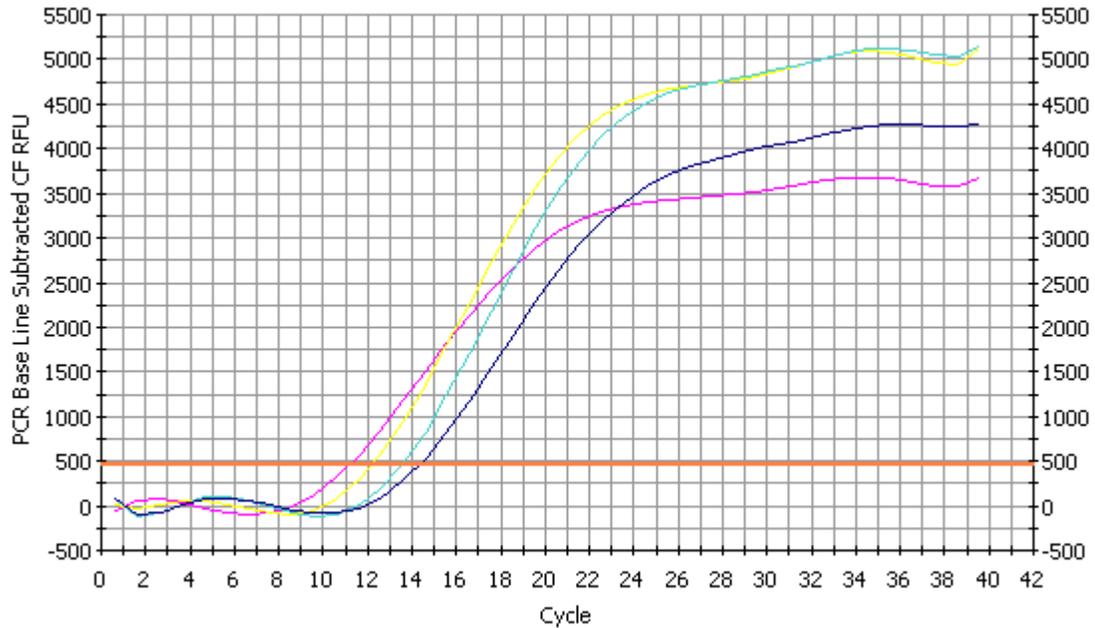
Sample volume: **50.00 ul**
Hot Start? **No**
Well factor collection: **Experimental Plate**

Comments

Protocol

Cycle 1: (1X)		
Step 1:	50.0°C	for 30:00
Cycle 2: (1X)		
Step 1:	95.0°C	for 15:00
Cycle 3: (40X)		
Step 1:	94.0°C	for 00:15
Step 2:	55.0°C	for 00:30
Step 3:	72.0°C	for 00:30
	Data collection and real-time analysis enabled.	
Cycle 4: (1X)		
Step 1:	72.0°C	for 10:00
Cycle 5: (1X)		
Step 1:	55.0°C	for 01:00
Cycle 6: (80X)		
Step 1:	55.0°C	for 00:10
	Increase setpoint temperature after cycle 2 by 0.5°C	
	Melt curve data collection and analysis enabled.	
Cycle 7: (1X)		
Step 1:	4.0°C	HOLD

PCR Amp/Cycle Graph for SYBR-490



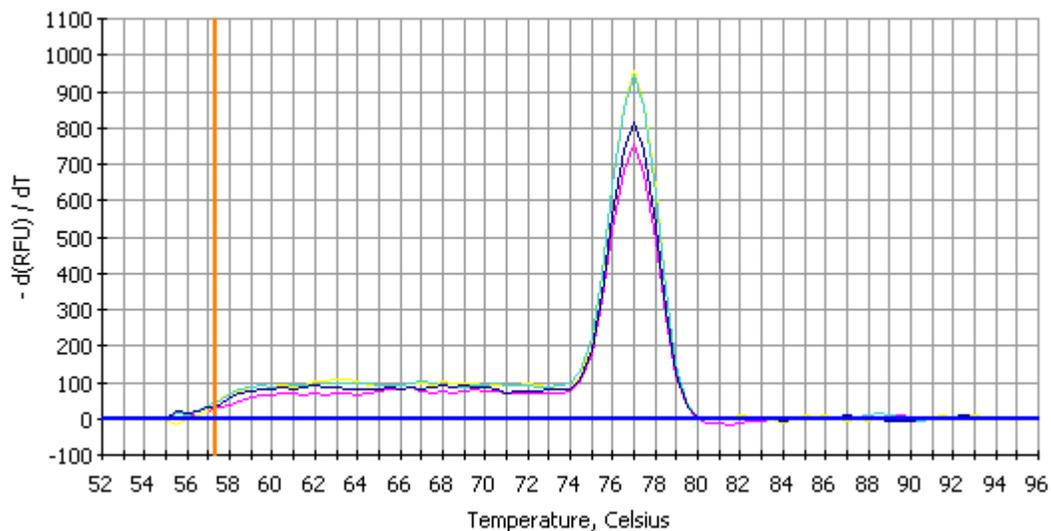
Data Analysis Parameters

Calculated threshold using the **maximum curvature approach** is **452.4**.
 Per-well baseline cycles have been determined automatically.
 Data analysis window is set at **95.00%** of a cycle, centered at **end** of the cycle.
Weighted Mean digital filtering has been applied. Global filtering is **off**.

PCR Quantification Spreadsheet Data for SYBR-490

Well	Identifier	Ct	Setpoint
B04	2842_methanol_1zu1	12.1	
D04	2842_methanol_1zu2	13.0	
F04	2842_acetat_1zu1	14.3	
H04	2842_acetat_1zu2	15.2	

Melt Curve Graph for SYBR-490



Melt Curve Analysis Parameters

Weighted Mean digital filtering has been applied. Global filtering is **off**.
 Threshold for automatic peak detection is set at **1.00**.

Melt Curve Analysis Spreadsheet Data for SYBR-490

Well	Well Identifier Peak Descriptor	Peak ID	Melt Temp	Beg. Temp	End Temp
B4	2842_methanol_1zu1	B4.1	77.0	74.0	80
		B4.2	69.5	68.5	73.5
		B4.3	66.5	64.5	67.5
		B4.4	62.0	61.5	64
		B4.5	60.5	55.0	61.5
D4	2842_methanol_1zu2	D4.1	77.0	74.0	80
		D4.2	72.0	71.0	73.5
		D4.3	68.0	67.5	70
		D4.4	66.5	66.0	67.5
		D4.5	63.0	55.5	66
F4	2842_acetat_1zu1	F4.1	77.0	73.5	81
		F4.2	70.5	69.0	73
		F4.3	67.0	65.5	68.5
		F4.4	64.0	63.5	65
		F4.5	63.0	55.0	63.5
H4	2842_acetat_1zu2	H4.1	77.0	72.0	81.5
		H4.2	69.0	66.0	71
		H4.3	62.0	55.0	64.5

Modified Well Contents

No wells have been modified.

