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

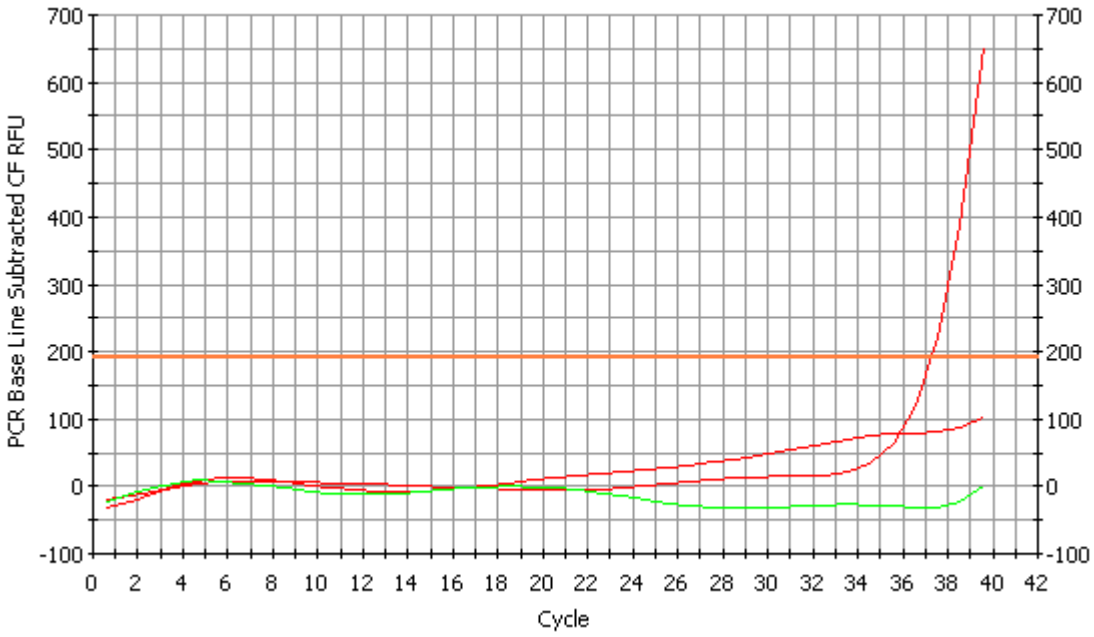
Current Date:	**01-Sep-03 10:44 AM**
Data generated on:	**21-May-03 at 03:05 PM**.
Optical data file name:	**mmz_210503.opd**
Plate Setup file used:	**ray_mmz1.pts**
Protocol file used:	**ray_mmz1.tmo**
Sample volume:	**50.00 ul**
Hot Start?	**No**
Well factor collection:	**Experimental Plate**

Comments

Protocol

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

PCR Amp/Cycle Graph for SYBR-490



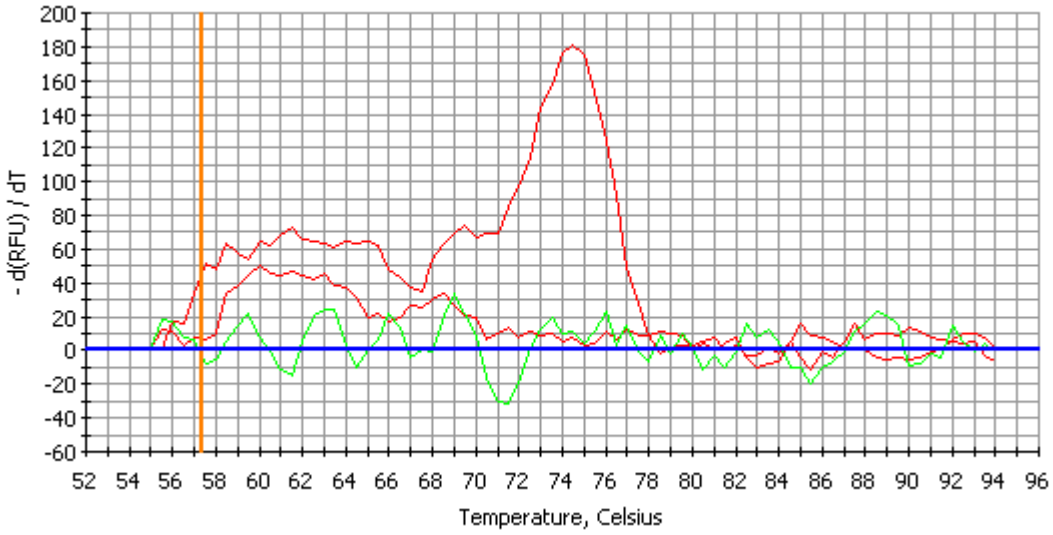
Data Analysis Parameters

Calculated threshold using the **10X average standard deviation** is **192.3**.
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
A01	kein template	37.3	
A11	kein primer methanol	N/A	
A12	kein primer acetat	N/A	

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
A1	no template	A1.1	74.5	70.5	78.5
		A1.2	69.5	68.0	70
		A1.3	64.0	63.5	67.5
		A1.4	61.5	60.5	63.5
		A1.5	58.5	55.0	59.5
A11	no primer methanol	A11.1	93.0	91.0	94
		A11.2	85.0	84.0	88.5
		A11.3	77.0	75.0	81
		A11.4	68.5	66.5	70.5
		A11.5	60.0	57.5	66
A12	no primer acetat	A12.1	92.0	91.5	93
		A12.2	88.5	87.0	90
		A12.3	82.5	82.0	84.5
		A12.4	76.0	75.5	77.5
		A12.5	73.5	72.0	75
		A12.6	69.0	68.0	70.5
		A12.7	66.0	65.0	67
		A12.8	63.0	61.5	64.5
		A12.9	59.5	58.0	60.5
		A12.10	55.5	55.0	57.5

Modified Well Contents

No wells have been modifed.