



***The ENZYME Company***

PCR Quantification Report 

Comparison:

**Bioron: Reverse (M. MuLV Reverse Transcriptase, RNase H minus) 400u/μl**

**vs**

**Other supplier: (SuperS..... 3)**

**PCR Base Line Subtracted Curve Fit Data**

Current Date: 22-Aug-05 03:59 PM  
Data generated on: 22-Aug-05 at 01:37 PM.  
Optical data file name: Data 22-Aug-05 1247 RT Test.opd  
Plate Setup file used: BIORON GmbH  
Protocol file used: 3Step-meltcurve2 35cycles 15min hotstart 15sec denat 53AT.tmo  
Sample volume: 50.00 ul  
Hot Start? No  
Well factor collection: Well Factor Plate

RealTime-PCR Primer for citB (aconitase I) von Staphylococcus aureus N315:

Sense: 5'-GTTTGGAAAAGATGGAAATGAAGG-3'  
Antisense: 5'-GTTTGGAAAAGATGGAAATGAAGG-3'  
Fragement lenght: 89 bp

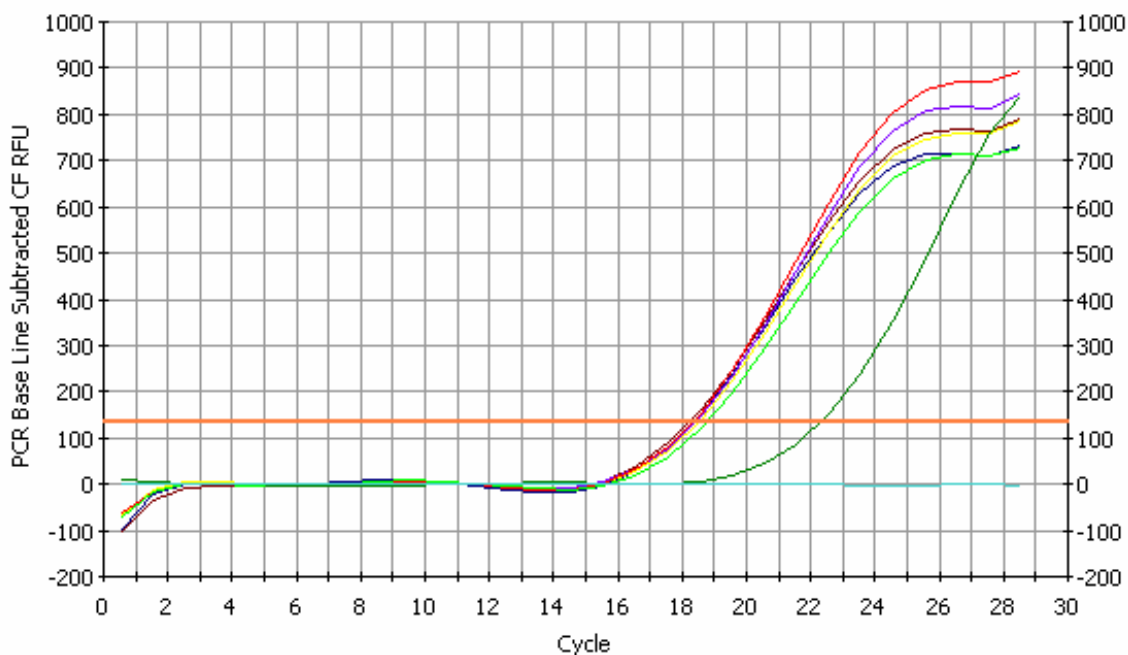
Polymerase: Dynamo HS SYBR-Green qPCR Kit (Finnzymes)

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**Bioron GmbH**

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**PCR Amp/Cycle Graph for SYBR-490 Step**



2

**Protocol**

Cycle 1: ( 1X)

Step 1: 95.0°C for 15:00

Cycle 2: ( 35X)

Step 1: 95.0°C for 00:15

Step 2: 53.0°C for 00:30

Data collection and real-time analysis enabled.

Step 3: 72.0°C for 00:30

Data collection enabled.

Cycle 3: ( 1X)

Step 1: 95.0°C for 01:00

Cycle 4: ( 1X)

Step 1: 50.0°C for 01:00

Cycle 5: ( 80X)

Step 1: 55.0°C for 00:10



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Increase setpoint temperature after cycle 2 by 0.5°C

Melt curve data collection and analysis enabled.

Cycle 6: ( 1X)

Step 1: 4.0°C HOLD

**Data Analysis Parameters**

Calculated threshold using the **maximum curvature approach** is 135.0.

Per-well baseline cycles have been determined automatically.

Data analysis window is set at **95.00%** of a cycle, centred at **end** of the cycle.

**Weighted Mean** digital filtering has been applied. Global filtering is **off**.

**PCR Quantification Spreadsheet Data for SYBR-490 Step 2**

| Well | Identifier          | Ct   | Setpoint |
|------|---------------------|------|----------|
| C03  | SuperS.. Competitor | 18.2 |          |
| C04  | SuperS.. Competitor | 18.3 |          |
| C05  | Bioron-MOS I        | 18.4 |          |
| C06  | Bioron-MOS II       | 18.5 |          |
| C07  | Bioron-LUG I        | 18.3 |          |
| C08  | Bioron-LUG II       | 18.8 |          |
| C09  | RNA                 | 22.3 |          |
| C10  | negative            | N/A  |          |

**Wells Excluded from Analysis**

No wells have been excluded from analysis.

**Modified Well Contents**

No wells have been modified.

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