*** Beta Thal Short 72000-A ***

**DATE:** 07/22/08  **TIME:** 17:24:04

**TECH ID#** 0  
**VIAL#** 13  
**SAMPLE ID#** 000000000000000000000

<table>
<thead>
<tr>
<th>ANALYTE ID</th>
<th>%</th>
<th>TIME</th>
<th>AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2</td>
<td>7.8</td>
<td>1.28</td>
<td>95456</td>
</tr>
<tr>
<td>P3</td>
<td>9.0</td>
<td>1.60</td>
<td>110183</td>
</tr>
<tr>
<td>Unknown 1</td>
<td>18.4</td>
<td>2.19</td>
<td>225726</td>
</tr>
<tr>
<td>Ao</td>
<td>63.0</td>
<td>2.36</td>
<td>773877</td>
</tr>
<tr>
<td>A2</td>
<td>2.0</td>
<td>3.58</td>
<td>25835</td>
</tr>
</tbody>
</table>

**TOTAL AREA** 1231077

| F | 0.0% | A2 | 2.0% |

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![Graph showing chromatogram with peaks labeled P2, P3, Unknown 1, Ao, A2, and F with corresponding percentages and areas]
The chromatogram and data in this case report are actual laboratory findings. Bio-Rad Laboratories, Inc. does not validate or confirm the sample data included in this database. All information contained herein is for informational use only and is not meant as a definitive identification of hemoglobin genotype.

Hb name: Milledgeville

Description: alpha2 or alpha1 44(CE2) Pro>Leu
Mutation, HGVS nomenclature: HBA2:c.134C>T (or HBA1)
HbVar number: 57

Reference Laboratory:
Dr. Alain Francina
Molecular Pathology Unit
Department of Biochemistry
Edouard Herriot University Hospital
Lyon, France

Bio-rad Comments:
Hb Milledgeville alpha 44(CE2) Pro>Leu. Increased oxygen affinity leading to a mild erythrocytosis.