**Patient Data**
- **Sample ID:** Unknown-1-2142
- **Analysis Performed:** 06/30/2008 15:36:42
- **Patient ID:** Injection Number: 2142
- **Physician:** Run Number: 150
- **Sex:** Rack ID: 0010
- **DOB:** Tube Number: 10
- **Comments:** Report Generated: 07/02/2008 09:23:32

**Analysis Data**
- **Operator ID:** NES

<table>
<thead>
<tr>
<th>Peak Name</th>
<th>Calibrated Area %</th>
<th>Area %</th>
<th>Retention Time (min)</th>
<th>Peak Area</th>
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</thead>
<tbody>
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<td>0.2</td>
<td>0.97</td>
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</tr>
<tr>
<td>F</td>
<td>12.4*</td>
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<td>---</td>
<td>7.0</td>
<td>1.71</td>
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<td>Ao</td>
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<td>2.65</td>
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<td>A2</td>
<td>8.8</td>
<td>---</td>
<td>3.52</td>
<td>67795</td>
</tr>
</tbody>
</table>

Total Area: 741810*

**F Concentration = 12.4%**
**A2 Concentration = 8.8%**

*Values outside of expected ranges

**Analysis comments:**

![Graph showing peak areas and retention times]
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: Valletta

Description: beta 87(F3) Thr>Pro
HGVS nomenclature: HBB:c.262A>C
HbVar number: 417

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

Bio-rad Comments:
Hb Valletta beta 87(F3) Thr>Pro. Clinically normal. Elutes as HbA0. Increase of A2 and F levels is due to Lepore.