## Patient Data

- **Sample ID:** Unknown-1-2148
- **Patient ID:** Injection Number: 2148
- **Name:** Run Number: 150
- **Physician:** Rack ID: 02
- **Sex:** Tube Number: 6
- **DOB:** Report Generated: 07/02/2008 09:25:16
- **Comments:** Operator ID: NES

## Analysis Data

- **Analysis Performed:** 06/30/2008 16:16:35
- **Injection Number:** 2148
- **Rack ID:** 02
- **Tube Number:** 6
- **Report Generated:** 07/02/2008 09:25:16
- **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>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>1.1</td>
<td>---</td>
<td>1.03</td>
<td>20436</td>
</tr>
<tr>
<td>Unknown</td>
<td>---</td>
<td>1.5</td>
<td>1.26</td>
<td>27436</td>
</tr>
<tr>
<td>P2</td>
<td>---</td>
<td>4.0</td>
<td>1.32</td>
<td>74091</td>
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<tr>
<td>P3</td>
<td>---</td>
<td>27.7</td>
<td>1.82</td>
<td>518981</td>
</tr>
<tr>
<td>Ao</td>
<td>---</td>
<td>63.7</td>
<td>2.52</td>
<td>1192613</td>
</tr>
<tr>
<td>A2</td>
<td>2.0*</td>
<td>---</td>
<td>3.63</td>
<td>39037</td>
</tr>
</tbody>
</table>

**Total Area:** 1872593

**F Concentration = 1.1 %**

**A2 Concentration = 2.0* %**

*Values outside of expected ranges

### Analysis comments:

![Graph showing retention peaks and time (min.)]
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: J-Mexico

Description: alpha2 or alpha1 54(E3) Gln>Glu Mutation, HGVS nomenclature: HBA2: c.163C>G (or HBA1)

HbVar number: 78

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

Bio-rad Comments:
Hb J-Mexico alpha 54(E3) Gln>Glu. Clinically normal.