Patient report

Bio-Rad                DATE: 08/08/2008
D-10                   TIME:  11:01 AM
S/N: #DB7G153204      Software version: 3.50-A1
Sample ID:            RACK04-9-49-28-7-2008
Injection date       07/28/2008 08:18 PM
Injection #: 49      Method: HbA2/F
Rack #: 04            Rack position: 9

Peak table - ID: RACK04-9-49-28-7-2008
Peak | R.time | Height | Area   | Area %
-----|--------|--------|--------|--------
A1b  | 0.28   | 8191   | 60607  | 2.3    |
F    | 0.43   | 3023   | 18571  | < 0.8 * |
LA1c/CHb-1 | 0.65 | 2873   | 18874  | 0.7    |
A1c  | 0.76   | 9602   | 88749  | 4.8    |
P3   | 1.43   | 9793   | 98701  | 3.8    |
A0   | 1.68   | 395854 | 2241316 | 86.5  |
Unknown | 2.55 | 797    | 13111  | 0.5    |
A2   | 3.14   | 2418   | 51111  | 2.5    |
Total Area:          2591040

Concentration:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>% F</td>
<td>&lt; 0.8 *</td>
</tr>
<tr>
<td>% A1c</td>
<td>4.8</td>
</tr>
<tr>
<td>% A2</td>
<td>2.5</td>
</tr>
</tbody>
</table>
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: Lombardi

Description: alpha2 103(G10) His>Tyr
Mutation, HGVS nomenclature: HBA2:c.310C>T
HbVar number: 921

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

Bio-rad Comments:
Hb Lombard alpha2 103(G10) His>Tyr, is identical to Hb Charolles found in the alpha1 gene. No clinical effect. Elutes as a shoulder in the descending part of the HbA0 peak.