VARIANT™ II Hemoglobin Testing System for HbA₁c
Quality patient care is at the heart of what you do. And the VARIANT™ II system enables you to be the difference for the patients who count on you most—delivering high quality chemistry and providing accurate results.

The VARIANT II hemoglobin testing system is flexible, efficient and uses gold-standard, high performance liquid chromatography (HPLC) to deliver precise HbA1c values in the presence of hemoglobin variants and other interfering substances.
Your patients count on you. You can count on the VARIANT™ II System.

Exceptional Ease of Use

- Fully automated operation saves time and labor
- Built-in quality control management simplifies quality assurance compliance
- Reagents supplied in convenient kit format
- Readily viewable reagent levels in transparent buffer bottles
- Primary tube sampling with cap piercing eliminates manual sample handling
- Positive sample tracking eliminates sample misidentification
- STAT capability
- Batch sampling and continuous feeding offer flexibility in workflow
- Easy-to-use online tools for QC, instrument support, remote education and communication services
- Hemoglobin Capillary Collection System (HCCS) allows remote fingerstick sample collection to support outreach programs

Every patient deserves quality results. You deserve ease of use.
Powerful Data Management

- Results and chromatograms captured and archived by Bio-Rad’s Clinical Data Management™ (CDM) software
- CDM™ interfaces with your laboratory information system for optimal data management
- Advanced diagnostics, user alerts and prompts reduce costs and training time
**Superior HbA1c Accuracy**

- HbA1c accuracy in the presence of hemoglobins D, E, S or C
- HbA1c accuracy in the presence of carbamylated hemoglobin (CHb) and labile A1c (LA1c)
- Anchored to the IFCC Reference Method
- NGSP certified and traceable to the Diabetes Control and Complications Trial (DCCT)

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**Bio-Rad CDM System**

**CDM 5.1 VII Instrument**

**Patient Data**

- **Sample ID:** AE
- **Patient ID:**
- **Name:**
- **Physician:**
- **Sex:**
- **DOB:**
- **Comments:**

**Analysis Data**

- **Analysis Performed:** 06/21/2010 13:51:23
- **Injection Number:** 207
- **Run Number:** 24
- **Rack ID:**
- **Tube Number:** 5
- **Operator ID:** YG-IFCC_DAY1

**Peak Name** | **IFCC mmol/mol** | **NGSP %** | **Area %** | **Retention Time (min)** | **Peak Area**
--- | --- | --- | --- | --- | ---
Unknown | — | 0.0 | 0.0 | — | 0.0
A1c | 37 | 5.6 | — | 0.86 | 22534
P3 | — | — | 2.5 | 1.53 | 66287
P4 | — | — | 2.7 | 1.63 | 70902
A0 | — | — | 53.4 | 1.75 | 1428051
E,D | — | — | 35.6 | 1.85 | 950966

HbA1c (IFCC) = 37 mmol/mol

**Total Area:** 2,673,808

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**HbA1c reportable in patient sample with HbD trait**

**HbA1c reportable in patient sample with HbE trait**

**HbA1c reportable in patient sample with CHb and LA1c**

(CHb is identified as the unknown peak between A1c and LA1c)

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**With both IFCC (mmol/mol) and NGSP (%) HbA1c Values**
HEMOGLOBIN TESTING

VARIANT™ II Hemoglobin Testing System

Unparalleled Support
Bio-Rad’s world class service and support team is backed by our decades-long leadership in the field of HbA1c testing. The VARIANT™ II system represents our continued commitment to helping you be the difference for the patients who count on you.

Uncompromising Performance
VARIANT™ II system combines superior HbA1c results, exceptional ease of use and powerful data management in one powerful automated solution offering HbA1c, β-thalassemia and dual assays*.

*Not available in the US.

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>270-2000</td>
<td>VARIANT™ II Hemoglobin Testing System .....................................................1 unit</td>
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<tr>
<td>270-2101NU</td>
<td>VARIANT™ II Hemoglobin A1c Program Reorder Pack .........................................1000 tests</td>
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<tr>
<td>740</td>
<td>Lyphochek® Diabetes Control, Bilevel (3 each of 2 levels) .............................6 x 0.5 mL</td>
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<tr>
<td>120</td>
<td>Lyphochek® Hemoglobin A1c Linearity Set, (1 each of 4 levels) .........................4 x 0.5 mL</td>
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<tr>
<td>BC80</td>
<td>EQAS® Hemoglobin Program (3 analytes) ...........................................................12 x 0.5 mL</td>
</tr>
<tr>
<td>196-2052</td>
<td>Hemoglobin Capillary Collection System (HCCS) ..............................................100 tests</td>
</tr>
</tbody>
</table>

Bio-Rad A1c • See the Difference

Bio-Rad Laboratories


Printed on recycled paper with soy-based inks