VARIANT™ II TURBO
Hemoglobin Testing System

TO USE AS AN AID IN
THE DIAGNOSIS OF DIABETES
VARIANT™ II TURBO
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With so many patients counting on your results each day, delivering the accuracy they need as quickly as possible is a top priority. We designed the VARIANT™ II TURBO Hemoglobin Testing System with your needs—and high standards—in mind.

The VARIANT™ II TURBO Hemoglobin Testing System is a fully automated ion-exchange HPLC system for mid-to high-volume laboratories. Confidently report HbA1c results to aid physicians with diagnosing those who have diabetes, identifying those who may be at risk of developing the disease, or monitoring the progress of those living with diabetes.

Let Bio-Rad help you see the full picture and make a difference in the lives of your patients.
### Patient Data
- **Sample ID:** Unknown-1-4513
- **Patient ID:**
- **Name:**
- **Physician:**
- **Sex:**
- **DOB:**
- **Comments:**

### Analysis Data
- **Analysis Performed:** 02/14/2017 10:30:39
- **Injection Number:** 4513
- **Run Number:** 101
- **Rack ID:** 0011
- **Tube Number:** 1
- **Report Generated:** 02/14/2017 10:44:15
- **Operator ID:**

### Peak Name | IFCC mmol/mol | NGSP % | Area % | Retention Time (min) | Peak Area
--- | --- | --- | --- | --- | ---
Unknown | — | — | 0.4 | 0.106
A1a | — | — | 0.9 | 0.229
A1b | — | — | 1.3 | 0.287
F | — | — | 1.0 | 0.424
LA1c | — | — | 0.4519
A1c | 62* | 7.8* | — | 0.519
P3 | — | — | 2.5 | 0.773
P4 | — | — | 0.9 | 0.966
Ao | — | — | 49.3 | 1.018

*Values outside of expected range

### HbA1c Reportable in the Presence of HbF up to 25%*

* See VARIANT™ II TURBO HbA1c Kit - 2.0 Instructions for Use (Catalog # 12000447)

### Quality Results
- Report both IFCC (mmol/mol) and NGSP (%) HbA1c values

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*Every Patient Deserves Quality Results*
Every Patient Deserves Quality Results. You Deserve Efficiency and Accuracy.

Bring speed, efficiency, and accuracy together for quality patient care

You never forget the people who count on your results – even on your busiest days. Whether physicians are ordering tests to aid in the diagnosis of diabetes, identifying patients who may be at risk for developing the disease, or monitoring their patients who are already living with diabetes, the VARIANT™ II TURBO Hemoglobin Testing System with the VARIANT™ II TURBO HbA<sub>1c</sub> Kit – 2.0 is the method of choice for laboratories demanding the best for their patients. With the ability to process thousands of tests per month, this robust system lets you be the difference for the people who count on you.

**Rapid**
- 97 seconds per sample

**Efficient**
- Fully automated operation saves time and labor
- Eliminate time-consuming sample prep with primary cap-piercing tube sampling
- Flexibility in workflow through either continuous or batch sampling
- Minimize hands-on time with cartridge lifetimes of 2,500 tests
- Maintain consistent, precise HbA<sub>1c</sub> results with a single calibration per cartridge
- Hemoglobin Capillary Collection System allows remote finger-stick sample collection to support outreach programs to reach more patients
- Easy-to-use tools for QC, instrument support, and education

**Accurate**
- No interference in the presence of:
  - Hemoglobin S, C, D, or E traits*
  - Hemoglobin F (HbF) concentrations up to 25%*
  - Carbamylated (CHb) and Labile A<sub>1c</sub> (LA1d)*
  - Acetylated hemoglobins*
- Anchored to the IFCC reference method
- NGSP certified and traceable to Diabetes Control and Complications Trial (DCCT)

* See VARIANT™ II TURBO HbA<sub>1c</sub> Kit - 2.0 Instructions for Use (Catalog # 12000447)
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
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 TURBO Hemoglobin Testing System represents our continued commitment to helping you be the difference for the patients who count on you.