

VARIANT™ II TURBO Link Hemoglobin Testing System

TO USE AS AN AID IN THE DIAGNOSIS OF DIABETES





DEAD ZONE

(Grey area)

Bio-Rad VARIANT II TURBO Link HbA1c

CDM 5.2 Software

PATIENT REPORT V2TURBO_STL

Patient Data

Analysis Data Sample ID: Analysis Performed: 04/27/2017 10:06:12 Patient ID: Injection Number: 36 Run Number: 3 Name: Physician: Rack ID: 18 Tube Number: DOB: Report Generated: 04/27/2

Comments:

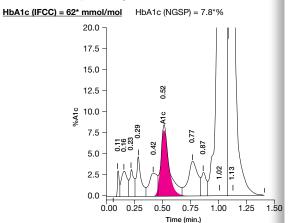
Commonto.					
Peak Name	IFCC mmol/moL	NGSP %	Area %	Retention Time	
Unknown	_	_	0.4	0.106	
A1a	_	_	1.1	0.163	
A1b	_	_	0.9	0.225	
F	_	_	1.3	0.287	

Operator ID:

	Г	_	_	1.0	0.207
	LA1c	_	_	1.0	0.424
	A1c	62*	7.8*	_	0.519
	P3	_	_	2.5	0.773
	P4	_	_	0.9	0.869
	Ao	_	_	49.3	1.018
-1					4 400

*Values outside of expected range

Total A



HbA_{1c} reportable in the presence of hemoglobin S, C, D, and E traits*

Bio-Rad VARIANT II TURBO Link HbA1c CDM 5.2 Software

V2TURBO STL

PATIENT REPORT

Patient Data Sample ID: Patient ID: Name: Physician: Sex: DOB:

Analysis Performed: 02/14/2017 10:30:39 Injection Number: 4513 Run Number: 101 Rack ID: 0011 Tube Number: Report Generated:

Operator ID:

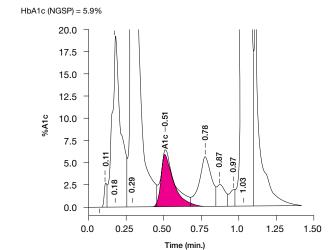
Analysis Data

02/14/2017 10:44:15

Comments:

Peak Name	NGSP%	Area %	Retention Time (min)	Peak Area
Unknown	_	0.4	0.112	9414
A1a	_	8.4	0.176	218589
F	_	23.9	0.292	619799
A1c	5.9	_	0.510	98995
P3	_	3.6	0.777	93134
P4	_	1.0	0.875	26310
Unknown	_	0.5	0.967	13930
Ao	_	58.3	1.035	1507942

Total Area: 2,588,114



HbA_{1c} reportable in the presence of HbF up to 25%*

* See VARIANT™ II TURBO HbA_{1c} Kit - 2.0 Instructions for Use (Catalog # 12000447)



VARIANT™ II TURBO Link Hemoglobin Testing System

Efficient
streamlined process
Powerful
integrated system
Automated
saves time and resources

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 Link Hemoglobin Testing System with your needs—and high standards—in mind.

The VARIANT II TURBO Link Hemoglobin Testing System integrates our proven HbA_{1c} assay performance with the Sysmex® XN-9000 Automated Hematology System to handle over 90% of whole blood EDTA samples while delivering maximum flexibility and accuracy. Confidently report HbA_{1c} 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 the consolidated VARIANT II TURBO Link Hemoglobin Testing System help you see the full picture and make a difference in the lives of your patients.



Turn greater efficiency into better patient care

With the VARIANT* II TURBO Link Hemoglobin Testing System, we're combining Bio-Rad's decades of leadership in HbA_{1c} with Sysmex's proven expertise in automation to improve your laboratory's workflow. The result is a fully-automated solution that helps you be the difference with timely, accurate results.

Streamlined Process

- On-demand testing 24/7
- Sysmex Lavender Top Management®
- Workflow optimization
- Reduced sample handling errors and delays

Save Time and Labor

- Specimen retrieval and archiving using a sorter
- Standardized automated sample data management using Sysmex WAM**
- Automated reflex and repeat testing using Sysmex WAM

More than just an HbA1c Result

Bio-Rad A1c provides clinically significant information by

- Detecting common hemoglobin variants
- Detecting potentially interfering substances
- Identifying those who may be at risk of developing diabetes
- Monitoring patients living with diabetes
- Aiding in the diagnosis of diabetes

Lavender Top Management is a registered trademark of Sysmex

Powerful Fully-integrated Lavender Top Management® solution

- CBC testing
- Integrated slide maker/stainer
- HbA_{1c} testing
- Automated sample sorting and archiving
- Sysmex WAM decision logic rules database

DEAD ZONE

(Grey area)



Experience superior HbA1c quality, accuracy, and efficiency

- Gold standard ion-exchange High Performance Liquid Chromatography (HPLC) methodology
- 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_{1c} (LA1c)*
 - Acetylated hemoglobin*
- See VARIANT™ II TURBO HbA_{1c} Kit 2.0 Instructions for Use (Catalog # 12000447)

- Anchored to the IFCC reference method
- NGSP certified and traceable to the Diabetes Control and Complications Trial (DCCT)
- Sample results in 97 seconds
- Cartridge lifetime of 2,500 injections
- Hemoglobin Capillary Collection System (HCCS) allows remote finger stick sample collection

VARIANT™ II TURBO Link 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 ${\rm HbA}_{\rm 1c}$ testing. The VARIANT II TURBO Link Hemoglobin Testing System represents our continued commitment to helping you be the difference for the patients who count on you.

Ordering Information

Catalog #	Description	
270-2700	VARIANT™ II TURBO Link Hemoglobin Testing System (110/220V)	1 unit
12000447	VARIANT™ II TURBO HbA _{1c} Kit – 2.0	2500 tests
270-2730	VARIANT™ II TURBO Hemoglobin A _{tc} Wash/Diluent Set43	(2500 mL
740	Lyphochek® Diabetes Control, Bilevel (3 each of 2 levels)	3 x 0.5 mL
12000070	Lyphochek® Hemoglobin A _{1c} Linearity Set (1 each of 6 levels)	3 x 0.5 mL
BC80	EQAS Hemoglobin Program (3 analytes)	2 x 0.5 mL
171	Liquichek [™] Diabetes Control, Level 1	6 x 1 mL
172	Liquichek™ Diabetes Control, Level 2	6 x 1 mL
173	Liquichek™ Diabetes Control, Level 3	6 x 1 mL
196-2051	Hemoglobin Capillary Collection System (HCCS)	5 tests
196-2052	Hemoglobin Capillary Collection System (HCCS)	. 100 tests
196-2053	Hemoglobin Capillary Collection System (HCCS)	5000 tests
196-2100	Plastic Capillaries, 100 per dispenser	dispensers



Bio-Rad Laboratories For further information, please contact the Bio-Rad office nearest you or visit our website at www.bio-rad.com/diagnostics

Clinical Diagnostics Group Website www.bio-rad.com/diagnostics U.S. 1-800-224-6723 Australia 61-2-9914-2800 Austria 43-1-877-8901 Belgium +32 (3)710-53-00 Brazil +55 (31)3689-6600 Canada 1-514-334-4372 China 86-21-61698500 Czech Republic 420-241-430-532 Denmark +45-4452-1000 Finland 358-9-804-22-00 France 33-1-47-95-60-00 Germany +49 (0)89-318-840 Greece 30-210-7774396 Hong Kong 852-2789-3300 Hungary +36-1-459-6100 India 1800-180-1224 Israel 972-3-9636050 Italy +39-02-216091 Japan 81-3-6361-7070 Korea 82-2-3473-4460 Mexico +52 (55)5488-7670 The Netherlands +31-318-540666 New Zealand 64-9-415-2280 Norway +47-23-38-41-30 Poland 48-22-331999 Portugal 351-21-472-7700 Russia +7-495-721-1404 Singapore 65-6415-3170 South Africa 27-11-442-85-08 Spain 34-91-590-5200 Sweden +46-8-555-127-00 Switzerland +41 (0)26-674-55-05/06 Taiwan 886-2-2578-7189 Thailand 662-651-8311 United Kingdom +44 (0)20-8328-2000