

Exceptions

Analyte	Instrument	Result	Unit	Z-score	Comparator
✘ Hemoglobin A1c (NGSP)	Bio-Rad D-10	11.3	%	9.74	Peer

Legend: ✔ No Warnings Missing Result Late Results $2.0 \leq |Z\text{-score}| < 3.0$ ✘ $|Z\text{-score}| \geq 3.0$ * Amended Result (per participant's request)

EQAS News

IMPORTANT: Place your order for the next cycle now by contacting your Bio-Rad Representative.



Bio-Rad Laboratories is accredited to ISO/IEC 17043:2010.
Refer to the User Guide for additional information on the EQAS Program,
EQAS reports, their interpretation, statistics, and contact details.

Customer Information

Lab: 235423

**Attn: DR. IMRAN AHMED SIDDIQUI
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**Lab 235423**ESIC SUPER SPECIALTY HOSPITAL
SANATH NAGAR
HYDERABAD HYDERABAD 500038
INDIA**Configuration Report
Hemoglobin Program****Cycle 20**Dec 2022 – Nov 2023
Sample No: 12
Sample Date: 15 Nov 23
Lot No: 242000**Selected Options:**Data Input: Online
Report Receipt: QCNet
Subgroup Number: None**Instrument**

2749 – Bio–Rad D–10

Analyte	Method	Reagent	Unit
289 A1C–N	022 HPLC	0693 Bio–Rad D–10 Dual A1c (220–0201)	93 %
282 A2	022 HPLC	0664 Bio–Rad D–10 Dual HbA1c/A2/F (220–0201)	93 %



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Sample Summary Report
Hemoglobin Program

Cycle 20

Dec 2022 – Nov 2023
Sample No: 12
Sample Date: 15 Nov 23
Lot No: 242000



Instrument: Bio-Rad D-10

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
Hemoglobin A1c (NGSP)	%	11.3	10.1	9.74	1.90	Peer
Hemoglobin A2	%	2.4	2.38	0.12	0.10	Peer

Legend: No Warnings Missing Result Late Results $2.0 \leq |Z\text{-score}| < 3.0$ $|Z\text{-score}| \geq 3.0$
 * Amended Result (per participant's request) † Non-robust determination of Mean and SD

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Date: _____



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Hemoglobin A1c (NGSP) Report Hemoglobin Program

Cycle 20

Dec 2022 – Nov 2023

Sample No: 12

Sample Date: 15 Nov 23

Lot No: 242000



Bio-Rad D-10

Your Result

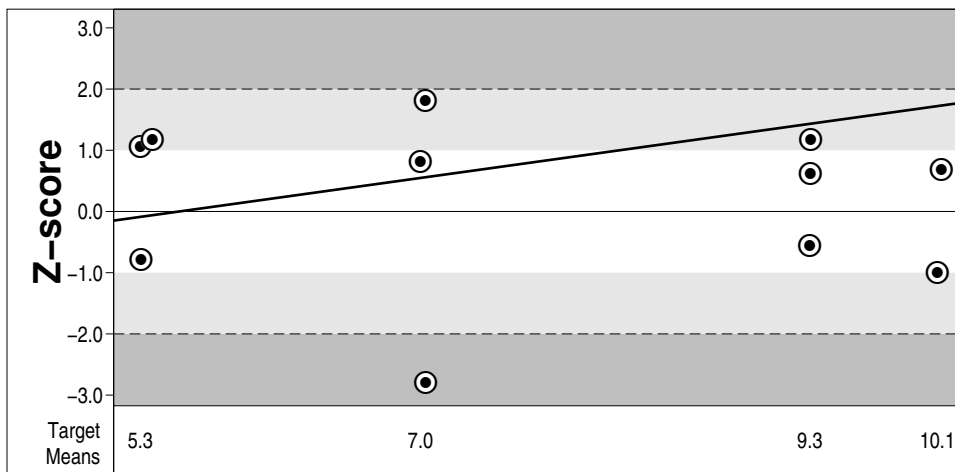
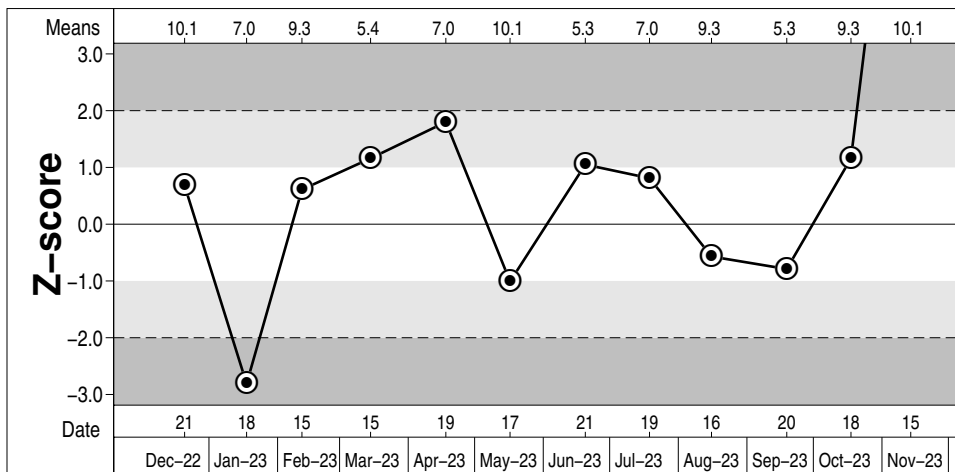
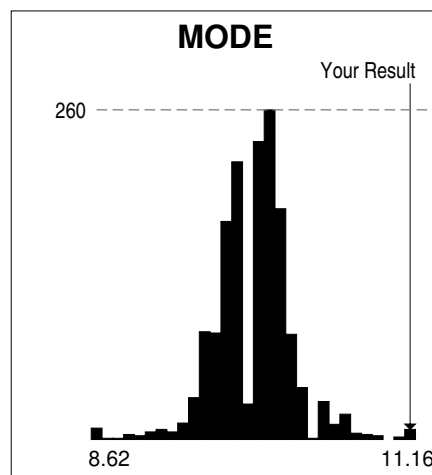
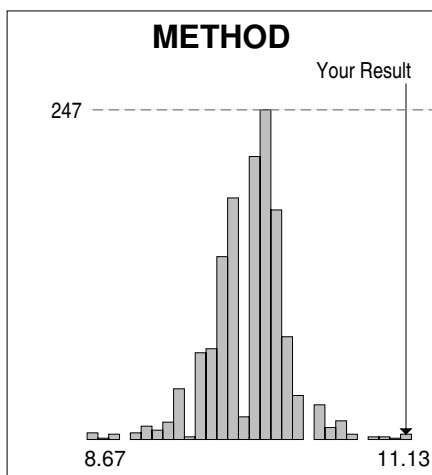
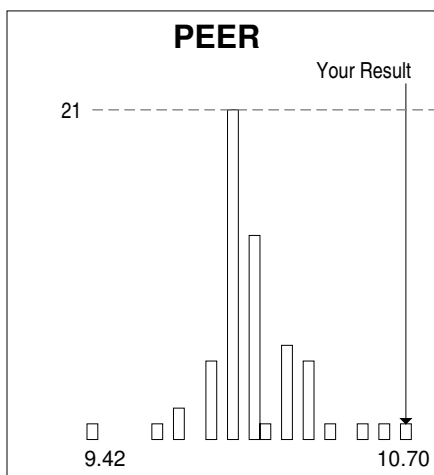
11.3 %

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	1558	9.89	0.254	2.57	0.016	5.55	1.61	14.3
Your Method	1356	9.90	0.246	2.49	0.017	5.71	1.64	14.2
Your Peer	59	10.1	0.127	1.26	0.041	9.74	1.90	12.3

Your Deviation



	N	Mean	CV	U ¹
Bio-Rad D-10 HPLC				
Bio-Rad D-10 HbA1c (220-0101)/12000949	609	10.0	1.51	0.015
Bio-Rad VARIANT II TURBO/Link HPLC				
Bio-Rad TURBO 2.0 A1c Kit (12000447 / 2702455...)	176	9.81	1.74	0.032
Tosoh G7/G8/G11 Series HPLC				
Dedicated Reagent	147	9.67	1.58	0.031
Roche cobas 6000/8000/c 311				
Immunoturbidimetric Dedicated Reagent	107	9.70	2.63	0.062
Bio-Rad D-10 HPLC				
Bio-Rad D-10 Dual HbA1c/A2/F (220-0201)	84	10.0	1.70	0.047
Bio-Rad D-100 HPLC				
Bio-Rad D-100 A1c	78	9.77	1.20	0.033
Sebia CAPILLARY Series Electrophoresis				
Dedicated Reagent	65	9.70	1.33	0.040
Bio-Rad D-10 HPLC				
Bio-Rad D-10 Dual A1c (220-0201)	59	10.1	1.26	0.041
Arkray/Menarini Adams HA-8180/8190 HPLC				
Dedicated Reagent	51	9.35	1.46	0.048

Hemoglobin A1c (NGSP) 20 : 12

CYCLE SAMPLE



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Hemoglobin A2 Report Hemoglobin Program

Cycle 20

Dec 2022 – Nov 2023
Sample No: 12
Sample Date: 15 Nov 23
Lot No: 242000



Bio-Rad D-10

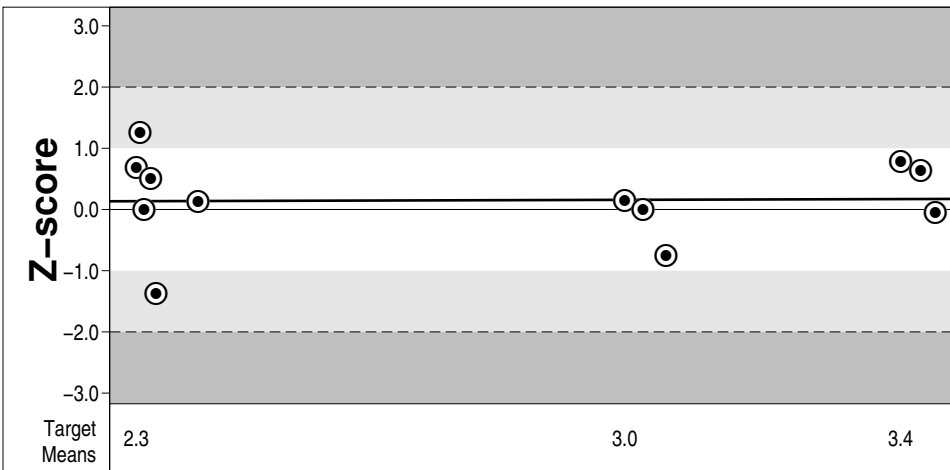
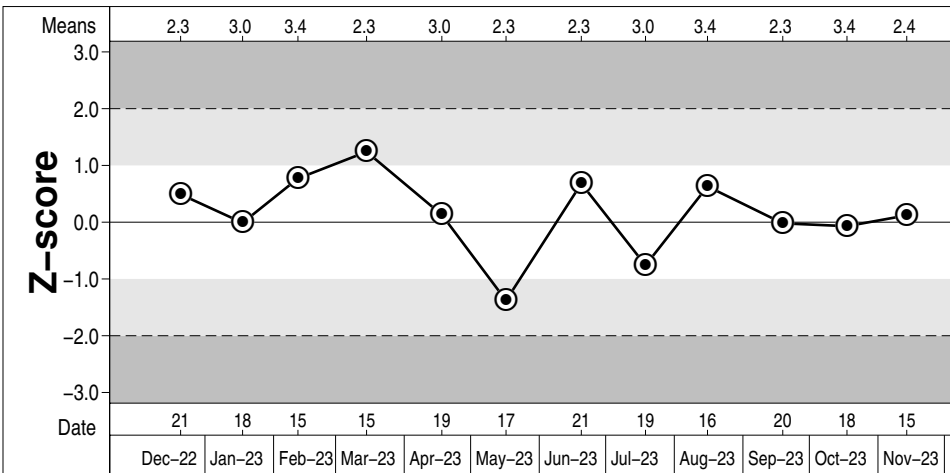
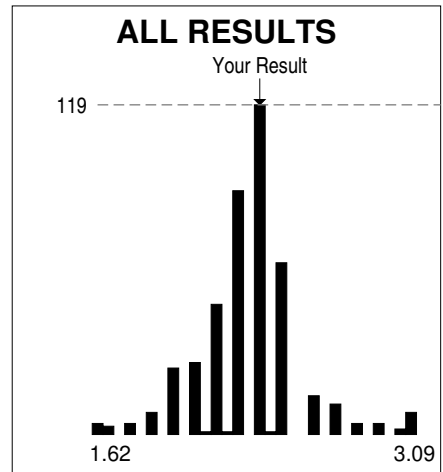
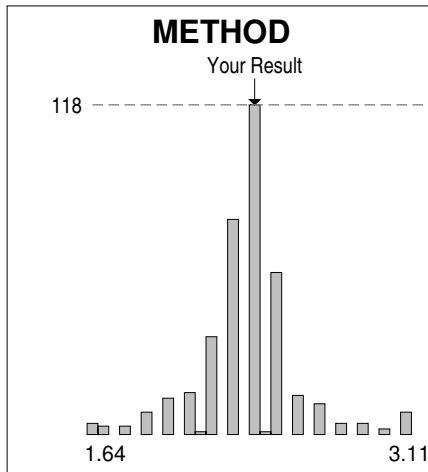
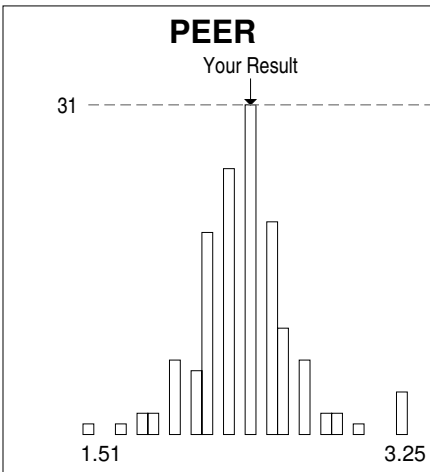
Your Result
2.4 %

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	431	2.35	0.147	6.26	0.018	0.32	0.14	1.98
Your Method	379	2.37	0.147	6.20	0.019	0.20	0.07	1.23
Your Peer	140	2.38	0.174	7.32	0.037	0.12	0.10	0.891



	N	Mean	CV	U ¹
Bio-Rad VARIANT II HPLC				
Bio-Rad VARIANT II Beta-Thal Short (270-2103/...	166	2.39	3.87	0.018
Bio-Rad D-10 HPLC				
Bio-Rad D-10 Dual HbA1c/A2/F (220-0201)	140	2.38	7.32	0.037
Sebia CAPILLARY Series Electrophoresis Dedicated Reagent	46	2.16	6.77	0.054
Bio-Rad VARIANT II HPLC				
Bio-Rad VARIANT II Dual HbA1c/A2/F (270-2500)	39	2.27	7.36	0.067
Tosoh G7/G8/G11 Series HPLC Dedicated Reagent	22	2.15	13.5	0.155
Sebia Electrophoresis Dedicated Reagent	5	2.22	4.27	0.106
Arkray/Menarini Adams HA-8180/8190 HPLC Dedicated Reagent	4	2.90	7.14	0.259
Lifetronic H9 (Triviron NANO H110)... HPLC Dedicated Reagent	4	2.33	3.86	0.113
Primus Series HPLC Dedicated Reagent	1	2.40	0	0

Hemoglobin A2 20 : 12
CYCLE SAMPLE



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Data on File Report
Hemoglobin Program

Cycle 20

Dec 2022 – Nov 2023
Sample No: 12
Sample Date: 15 Nov 23
Lot No: 242000



Analyte Unit	Sample Numbers											
	1	2	3	4	5	6	7	8	9	10	11	12

Instrument: Bio-Rad D-10

A1C-N	%	10.2	6.5	9.4	5.5	7.3	9.9	5.4	7.1	9.2	5.2	9.5	11.3
A2	%	2.4	3	3.5	2.5	3	2.1	2.4	2.9	3.5	2.3	3.4	2.4

Legend: No Warnings Late Results $2.0 \leq |Z\text{-score}| < 3.0$ $|Z\text{-score}| \geq 3.0$ - No Result

* Amended Result (per participant's request)