IFCC International Federation of Clinical Chemistry and Laboratory Medicine
Network on Standardization of HbA1c

Digitally signed by Levința Alexandru
Date: 2023.12.08 11:59:44 EET
Reason: MoldSign Signature
Location: Moldova

Summary Analytical Performance

Organisation	**Bio-Rad Laboratories**
Instrument	**D-10 HbA1c Monitoring**
Date Of Certification	01 January 2023

Bias	at 30 mmol/mol	-0.6	mmol/mol
	at 50 mmol/mol	-1.2	mmol/mol
	at 70 mmol/mol	-1.9	mmol/mol
Imprecision	CV	2.2	%
Linearity	r	0.9976	
Total Error	TE	3.4	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	59.0	59.6	0.6
02	54.3	54.1	-0.2
03	94.6	91.3	-3.3
04	56.7	56.3	-0.4
05	83.9	81.4	-2.5
06	42.1	42.1	0.0
07	31.2	27.9	-3.3
08	68.3	67.2	-1.1
09	38.6	37.7	-0.9
10	51.2	48.6	-2.6
11	48.4	48.6	0.2
12	73.2	70.5	-2.7
13	51.2	48.6	-2.6
14	52.7	51.9	-0.8
15	90.1	84.7	-5.4
16	63.7	62.8	-0.9
17	77.8	74.9	-2.9
18	35.0	33.3	-1.7
19	45.8	44.3	-1.5
20	98.6	96.7	-1.9
21	38.6	37.7	-0.9
22	59.0	58.5	-0.5
23	77.8	74.9	-2.9
24	68.3	68.3	0.0

* Only if applicable: Blunder, excluded from the calculations

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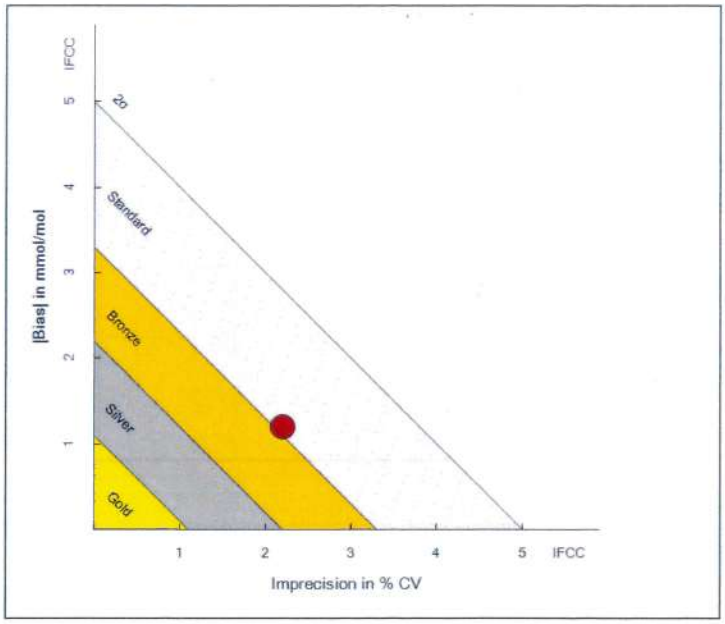
Certificate

Bio-Rad Laboratories

using

D-10 HbA1c Monitoring

participated in the IFCC HbA1c Certification Programme to demonstrate traceability to the IFCC Reference Measurement Procedure and performed as shown below.



Total Error =	3.4	mmol/mol
Bias =	-1.2	mmol/mol
Imprecision =	2.2	%
Grade =	Standard	

Criteria derived from the IFCC model for Quality Targets HbA1c (Clin Chem 2015;61 : 752-59)

Date of Certification : 01 January 2023

Date of Expiry : 01 January 2024

IFCC Network Coordinator
C. Siebelder