

Summary Analytical Performance

Organisation	Bio-Rad Laboratories
Instrument	D-10 HbA1c S&D
Date Of Certification	01 January 2023

Bias	at 30 mmol/mol	0.8	mmol/mol
	at 50 mmol/mol	0.1	mmol/mol
	at 70 mmol/mol	-0.7	mmol/mol
Imprecision	CV	2.2	%
Linearity	r	0.9976	
Total Error	TE	2.3	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	59.0	60.6	1.6
02	54.3	55.2	0.9
03	94.6	93.4	-1.2
04	56.7	56.3	-0.4
05	83.9	81.4	-2.5
06	42.1	43.2	1.1
07	31.2	28.9	-2.3
08	68.3	68.3	0.0
09	38.6	39.9	1.3
10	51.2	49.7	-1.5
11	48.4	48.6	0.2
12	73.2	72.7	-0.5
13	51.2	49.7	-1.5
14	52.7	53.0	0.3
15	90.1	86.9	-3.2
16	63.7	65.0	1.3
17	77.8	76.0	-1.8
18	35.0	35.5	0.5
19	45.8	46.4	0.6
20	98.6	97.8	-0.8
21	38.6	39.9	1.3
22	59.0	59.6	0.6
23	77.8	74.9	-2.9
24	68.3	69.4	1.1

* Only if applicable: Blunder, excluded from the calculations

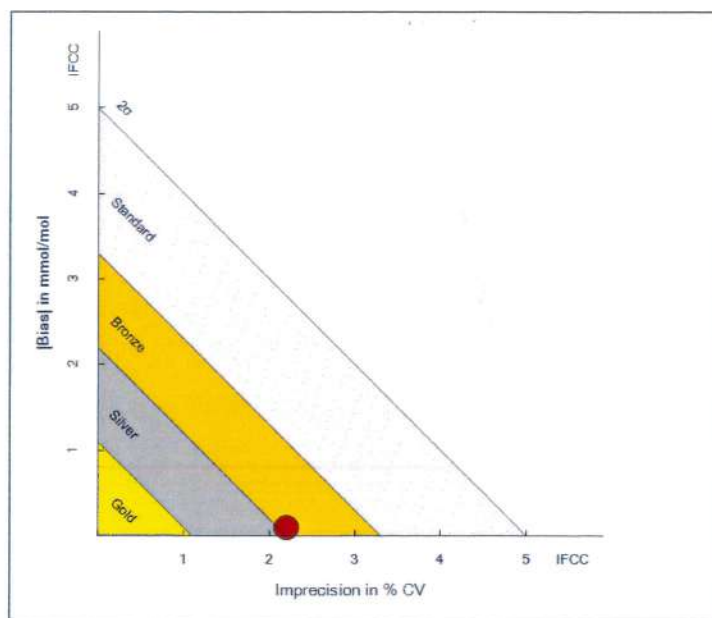
Certificate

Bio-Rad Laboratories

using

D-10 HbA_{1c} S&D

participated in the IFCC HbA_{1c} Certification Programme to demonstrate traceability to the IFCC Reference Measurement Procedure and performed as shown below.

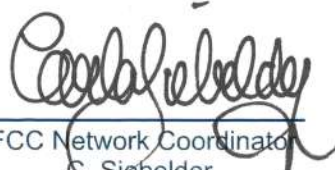


Total Error =	2.3	mmol/mol
Bias =	+0.1	mmol/mol
Imprecision =	2.2	%
Grade =	Bronze	

Criteria derived from the IFCC model for Quality Targets HbA_{1c} (Clin Chem 2015;61 : 752-59)

Date of Certification : 01 January 2023

Date of Expiry : 01 January 2024


IFCC Network Coordinator
C. Siebelder