

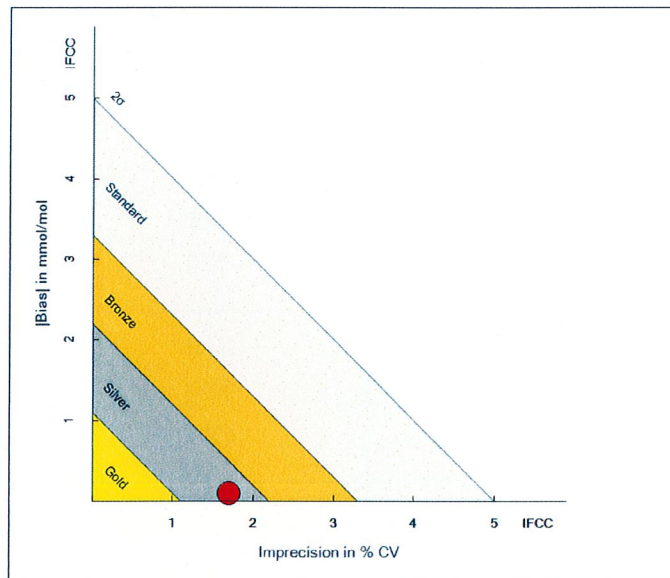
Certificate

EKF Diagnostic GmbH

using

Quo-Lab HbA1c

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



Total Error =	1.8	mmol/mol
Bias =	+0.1	mmol/mol
Imprecision =	1.7	%
Grade =	Silver	

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

Date of Certification : 01 June 2021

Date of Expiry : 01 June 2022


 IFCC Network Coordinator
 C. Siebelder

Summary Analytical Performance

Organisation	EKF Diagnostic GmbH
Instrument	Quo-Lab HbA1c
Date Of Certification	01 June 2021

Bias	at 30 mmol/mol	0.3	mmol/mol
	at 50 mmol/mol	0.1	mmol/mol
	at 70 mmol/mol	0.0	mmol/mol
Imprecision	CV	1.7	%
Linearity	r	0.9981	
Total Error	TE	1.8	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	56.1	55.7	-0.4
02	33.0	33.7	0.7
03	48.3	48.6	0.3
04	42.4	42.1	-0.3
05	82.9	83.9	1.0
06	48.9	49.5	0.6
07	36.1	35.1	-1.0
08	63.0	63.4	0.4
09	70.0	68.3	-1.7
10	77.2	76.4	-0.8
11	31.3	32.2	0.9
12	44.0	44.0	0.0
13	57.8	56.6	-1.2
14	67.2	66.1	-1.1
15	50.8	49.7	-1.1
16	53.8	55.0	1.2
17	74.6	73.8	-0.8
18	66.0	66.8	0.8
19	89.2	89.4	0.2
20	46.4	48.4	2.0
21	62.2	63.4	1.2
22	70.1	69.7	-0.4
23	53.5	53.3	-0.2
24	72.8	73.8	1.0

* Only if applicable: Blunder, excluded from the calculations