

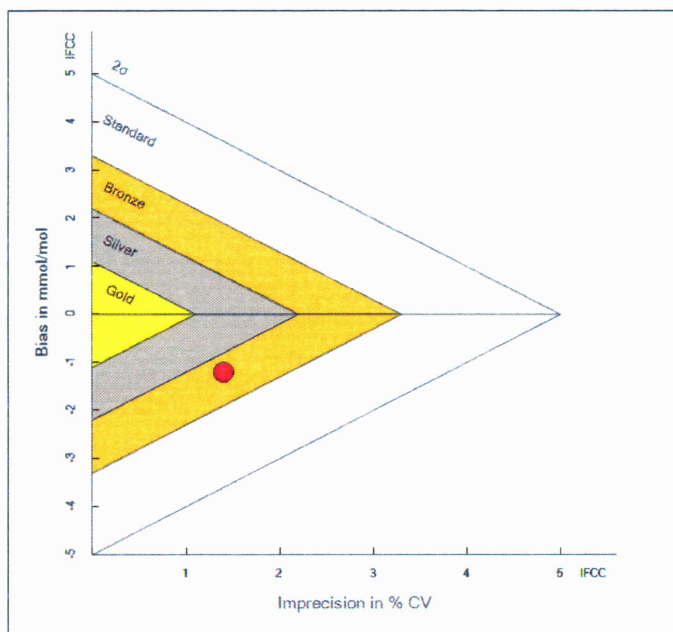
Certificate

Getein Biotech, Inc.

using

**Immunofluorescence Assay/Getein 1600
Immunofluorescence Quantitative Analyzer**

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



Total Error =	2.6	mmol/mol
Bias =	-1.2	mmol/mol
Imprecision =	1.4	%
Grade =	Bronze	

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

Date of Certification : 01 January 2025

Date of Expiry : 01 January 2026


IFCC Network Coordinator
C. Siebelder

Summary Analytical Performance

Organisation	Getein Biotech, Inc.
Instrument	Immunofluorescence Assay/Getein 1600 Immunofluorescence Quantitative Analyzer
Date Of Certification	01 January 2025

Bias	at 30 mmol/mol	-1.0	mmol/mol
	at 50 mmol/mol	-1.2	mmol/mol
	at 70 mmol/mol	-1.3	mmol/mol
Imprecision	CV	1.4	%
Linearity	r	0.9989	
Total Error	TE	2.6	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	56.9	55.6	-1.3
02	53.1	52.6	-0.5
03	87.6	85.2	-2.4
04	55.1	55.1	0.0
05	77.2	75.5	-1.7
06	42.2	41.6	-0.6
07	31.4	29.0	-2.4
08	64.3	62.8	-1.5
09	39.3	38.9	-0.4
10	49.2	47.6	-1.6
11	47.1	45.4	-1.7
12	68.7	67.9	-0.8
13	49.2	48.6	-0.6
14	51.1	49.3	-1.8
15	81.6	80.2	-1.4
16	60.4	60.8	0.4
17	72.8	70.9	-1.9
18	35.5	33.4	-2.1
19	45.1	43.3	-1.8
20	93.9	91.9	-2.0
21	39.3	38.1	-1.2
22	56.9	56.8	-0.1
23	72.8	71.1	-1.7
24	64.3	63.5	-0.8

* Only if applicable: Blunder, excluded from the calculations