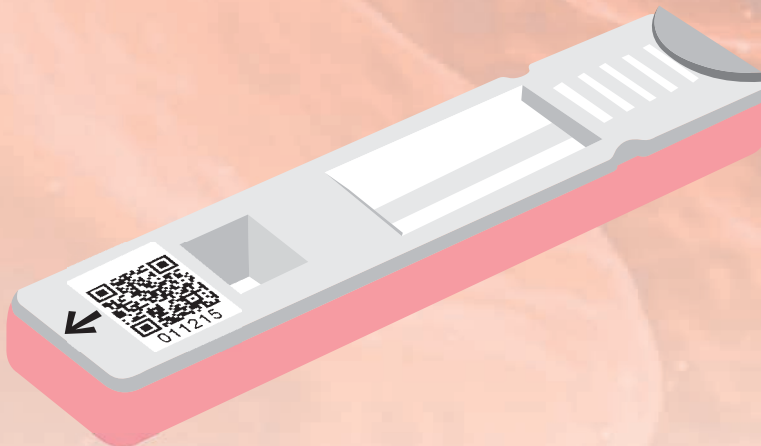




HbA1c Quanti Card

Fluorescence based immunoassay (antigen-antibody) for quantitative measurement of HbA1c (glycated hemoglobin) in Human Whole Blood

.....a vision to serve mankind™



iQuant Analyzer



Developed in partnership with HTIC, IIT Madras

NGSP CERTIFICATION

Result as per NGSP

NGSP Certification Criteria: # within 5% of NGSP Mean	Marks Obtained
36/40	40/40



Certificate of Traceability

Manufacturer Certification

This certifies that **J. Mitra & Co. Pvt Limited**, using **Fluorescence immunoassay on i-Quant Analyzer** has participated in and successfully completed the NGSP certification for manufacturers and is traceable to the **Diabetes Control and Complications Trial** Reference method. The comparison was performed with: **European Reference Laboratory ESRL#10**

The system evaluated was:

Instrument:
i-Quant
Reagent Lot:
HBQ/XI/030321

Date of Certification: July 1, 2021

Certification Expires: July 1, 2022

Daniel Sacks
NGSP Steering Committee Chair

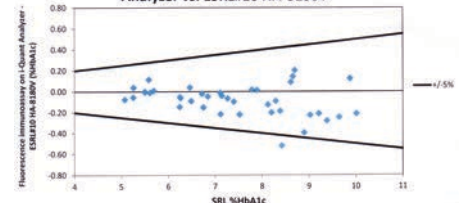
Randee R Little PhD
NGSP Network Coordinator

[Signature]
SRL director/supervisor



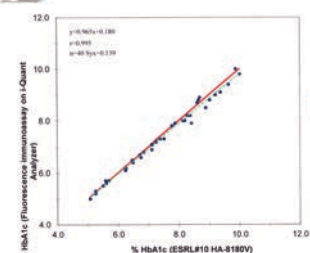
Method Comparison Evaluation Report

Bias Plot: Fluorescence immunoassay on i-Quant Analyzer vs. ESRL#10 HA-8180V



Scatter Plot

J. Mitra & Co. Pvt. Ltd. Fluorescence Immunoassay on iQuant



• **ACCURATE** • **EASY** • **FAST** • **RELIABLE**

HbA1c MEASUREMENT TEST KIT

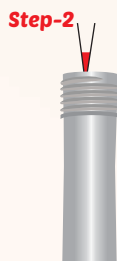
Salient Features:

- Principle: Based on most advanced fluorescence immunoassay method
- Certified from NGSP, USA
- QR Code on each cartridge includes lot specific data, no chip required
- Individual pouched test cartridge
- Results within 15 Minutes
- Long Shelf Life: 24 Months At 2-8°C

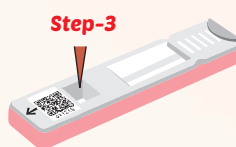
Test Procedure



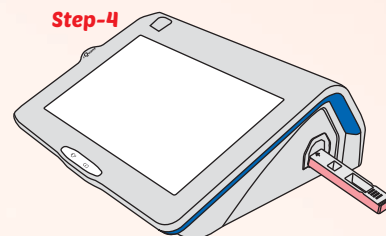
Add 200µl of Assay Buffer to HbA1c Conjugate vial & mix it properly on Vortex mixer for 30 seconds



Add 10 µl of whole blood to HbA1c Conjugate vial & mix it properly on Vortex mixer for 5-10 seconds



Transfer 75 µl of mixture to the test cartridge & insert it into the cartridge slot of dual iHeating Block for 15 minutes.



Place test cartridge in the Analyzer and Read Result.*

* Result interpretation time, taken by cartridge analyzer for a sample is less than 1 minute, hence more number of tests can be performed in a given time.

HbA1c Quanti Card comparison with other manufacturers

Parameters	HbA1c Quanti Card	Manufacturer-1	Manufacturer-2
Sample Volume	10 µl	5 µl	5 µl
Sample & Reagent Mixing	By iVortexer (user friendly)	By Hand shaking (not user friendly)	5-6 times mixing by tube
Conjugate	Dried (More Stable)	Liquid (Less Stable)	Dried (More Stable)
Accuracy	Accurate Result less than 5% CV as per NGSP Certification	Results are higher than reference value (CV is more than 6%)	Result are lower than reference value (CV is + 6%)
Measuring Range	4 - 16%	4 - 15%	4 - 15%
Shelf Life	24 months	15 months	18 months
Convenient Packsize	10 Tests & 50 Tests	60 Tests	60 Tests
Price/ test	Economical	Expensive	Expensive

HbA1c Quanti Card is an ideal test kit for quantitative estimation of HbA1c with excellent customer support through iqCloud for pan India.

Also Connect with us on:



For further enquiries, Please contact:

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