



Product Specification

A1c

Measurement	%Hemoglobin A1c
Sample Type	Whole blood, fingertip blood & venous blood
Sample Volume	5 μ L
Testing Time	Within 3 minutes
Principle	Optical and immunoassay method
Measurement Range	4 - 15% (20-140 mmol/mol)
Hemoglobin Range	7 - 23 g/dL
HCT	25 - 65%
Operating Temperature	15 - 32°C (59°F - 90°F)
Storage Temperature	1 - 30°C (34°F - 86°F)
Shelf Life (for Strip)	18 months

Lipid

Measurement	Lipid Profile (Total cholesterol, HDL, Triglycerides and Calculated LDL)
Sample Type	Whole blood, fingertip blood & venous blood
Sample Volume	35 μ L
Testing Time	Within 3 minutes
Principle	Optical and enzymatic method
Measurement Range	TC: 100-450 mg/dL HDL: 25-95 mg/dL TG: 45-650 mg/dL
Operating Temperature	18 - 32°C (64°F - 90°F)
Storage Temperature	2 - 32°C (36°F - 90°F)
Shelf Life (for Strip)	18 months

PixoTest POCT System

- HbA1c
- Lipid Profile



Website



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“Point-of-care testing allows patient diagnoses in the physician’s office, an ambulance, the home, the field, or in the hospital. The results of care are timely, and allow rapid treatment to the patient. Empowering clinicians to make decisions at the “point-of-care” has the potential to significantly impact health care delivery and to address the challenges of health disparities. The success of a potential shift from curative medicine, to predictive, personalized, and preemptive medicine could rely on the development of portable diagnostic and monitoring devices for point-of-care testing.”

~ NIH Fact Sheet ~

Now, PixoTest POCT System comes to meet this requirement...

PixoTest POCT System integrates APP features and multiple IVD tests including HbA1c & Lipid into one device to provide efficient and accurate results. The PixoTest technology utilizes the lighting and image sensing module of the smartphone to detect the color change reaction on test strips. The image of the test strip is captured by the front camera and analyzed via the measurement algorithm to turn out a quantified result.

Moreover, the embedded wireless transmission elements make all test data be seamlessly uploaded to the cloud and connected to the patient management systems. With good integration of IVD and IT application, the PixoTest POCT system can be perfectly installed in the pharmacy or drug store in the community and fit into their operation process to provide better efficiency and maximize benefits brought by POCT system.

PixoTest POCT System brings timely results of care.



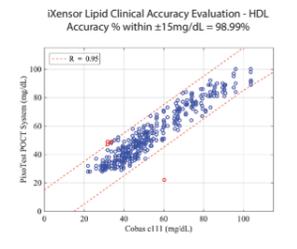
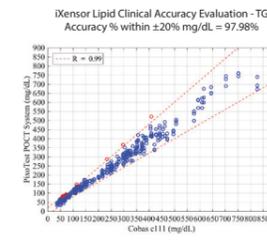
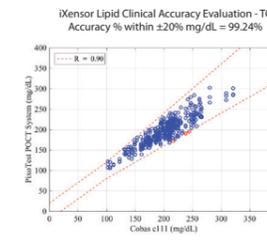
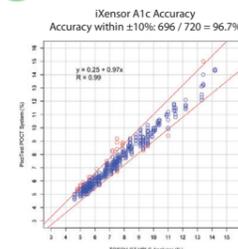
The Features

PORTABLE
Handheld design for ease of carrying to the community.

EXTENSIBLE
Modularization for multiple in vitro diagnostic testing.

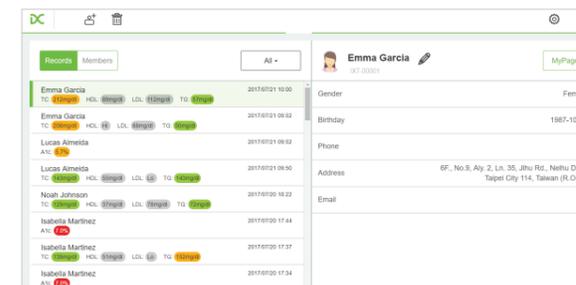
EFFICIENT
Quick test result and intuitive UI design can fit perfectly into the operation process and improve efficiency.

ACCURATE



eMANAGEMENT

All test data can be seamlessly uploaded to the cloud and connected to the management systems of community-based point-of-care facility.



Healthcare for Active People