



**KNOW  
LABS**

**TRANSFORMING NON-INVASIVE MEDICAL DIAGNOSTICS**

OTCQB: KNWN`

# Bio-RFID™ Internal Validation and Comparison to FDA-Cleared Glucose Monitoring Devices

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# Summary

- ✓ Testing of Bio-RFID technology in human subjects shows it can successfully measure blood glucose levels non-invasively and continuously
- ✓ Know Labs' family of products can be an accurate and cost-effective alternative to the current FDA-approved glucose monitoring devices
- ✓ Know Labs' R&D team will soon kick-off *in vivo* external validation of the glucose monitoring technology with world renowned research organization

# Our Vision



Transform medical diagnostics and launch first truly non-invasive FDA approved blood glucose monitoring device.



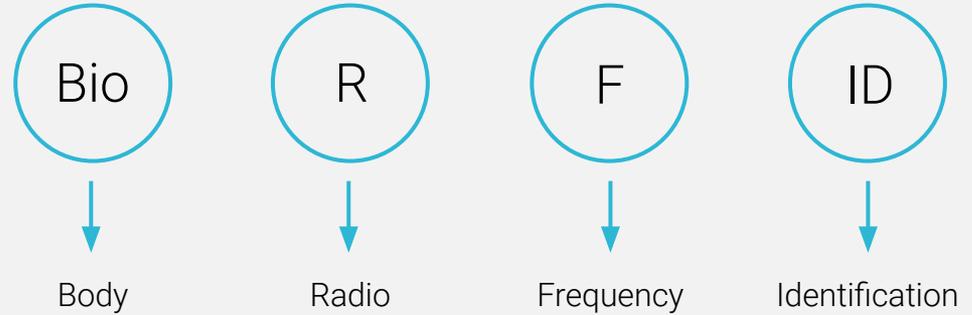
Offer medical-grade and cost-effective solutions for people with type 1 and type 2 diabetes, people with pre-diabetes, and people with no diabetes but interested in monitoring their blood glucose levels.



Following FDA clearance of the glucose monitoring devices, expand Bio-RFID to other potential medical diagnostic applications, including detecting and measuring levels of ketones, alcohol, metabolized drugs or other substances in the body.

# Bio-RFID

KNOW LABS' PATENTED,  
PROPRIETARY NON-INVASIVE  
DIAGNOSTIC TECHNOLOGY  
PLATFORM THAT USES RADIO  
WAVES TO IDENTIFY AND  
MEASURE WHAT IS GOING ON  
INSIDE YOUR BODY



- Non-invasive
- Identifies and monitors biomolecules in the body
- 57 patents issued and pending
- Myriad of applications, beyond glucose

# KnowU™ and UBand™

## KNOW LABS' SOLUTIONS TO NON-INVASIVE GLUCOSE MONITORING

- Bio-RFID technology
- Completely non-invasive
- No finger sticks or needles
- No filaments, transmitters or other supplies
- Real-time readings
- Smartphone app
- Estimated cost <\$1K/year  
(compared to \$1 to >\$5k for current alternative products)



**KnowU**  
On-Demand and On-the-Go



**UBand**  
Continuous and Wearable



# Internal Scientific Validation with Human Subjects

## **PRIMARY OBJECTIVE**

Compare Bio-RFID accuracy to glucose monitoring devices that have been cleared by the FDA and collect data to further train Know Labs' AI-based algorithm.

## **PROTOCOL**

Human subjects fasting at experiment start place their arm on a Know Labs prototype Bio-RFID sensor and their blood glucose levels are measured every 5 minutes. Concurrent readings are performed with finger stick and CGM devices.

After thirty (30) minutes of baseline measurements, each subject orally consumes a liquid dose of 30 grams of glucose. The subjects then have their blood glucose level monitored as above for an additional hour and a half period.

# FDA-Approved Devices Selected for Comparison



**Abbott FreeStyle® Libre**

Continuous

Minimally Invasive

Average annual cost >\$1.5k



**Accu-Chek® Fingerstick**

Spot-check

Invasive

Average annual cost >\$1.5k  
(at least 3 tests/day)



**Dexcom G6®**

Continuous

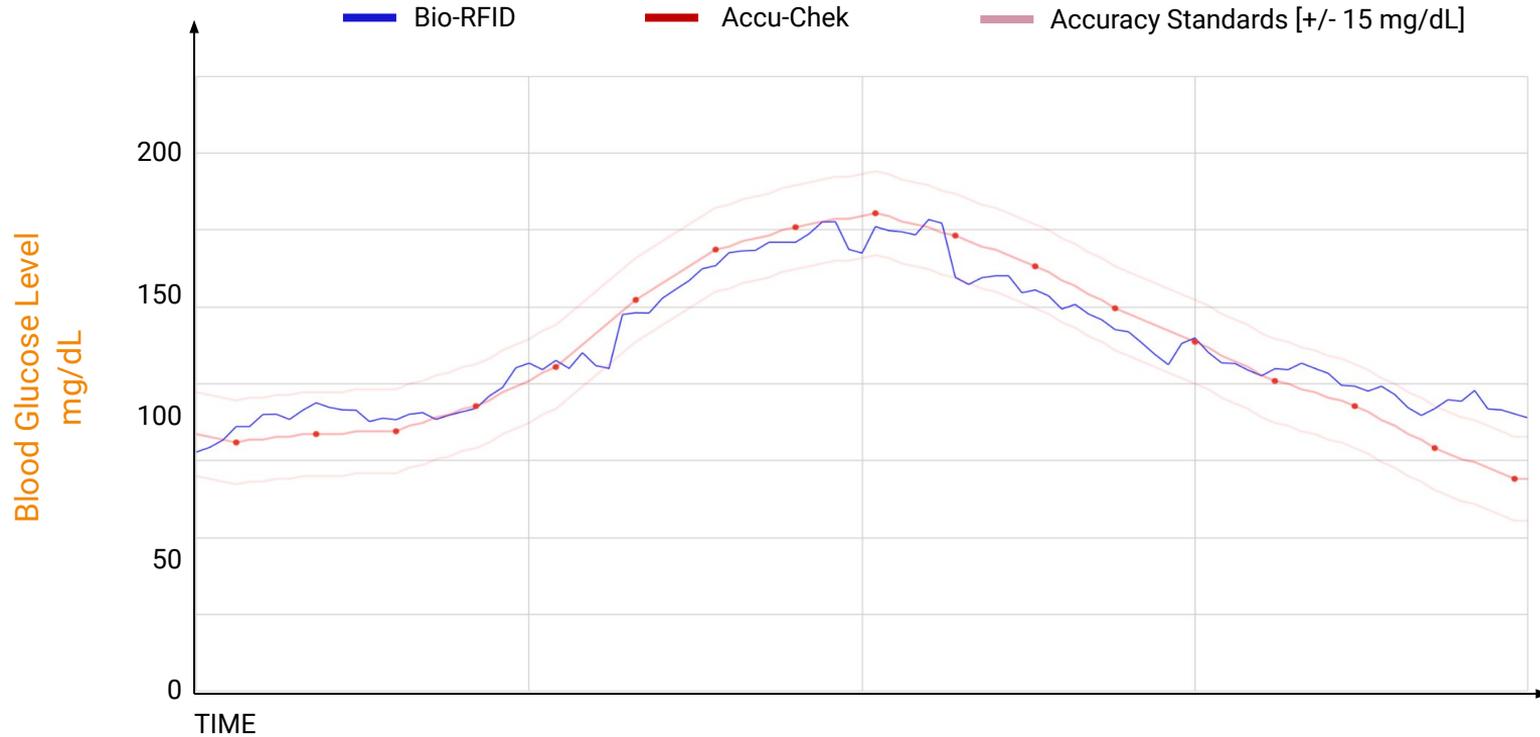
Minimally Invasive

Average annual cost >\$5k

# Bio-RFID™ vs. Accu-Chek® Fingerstick

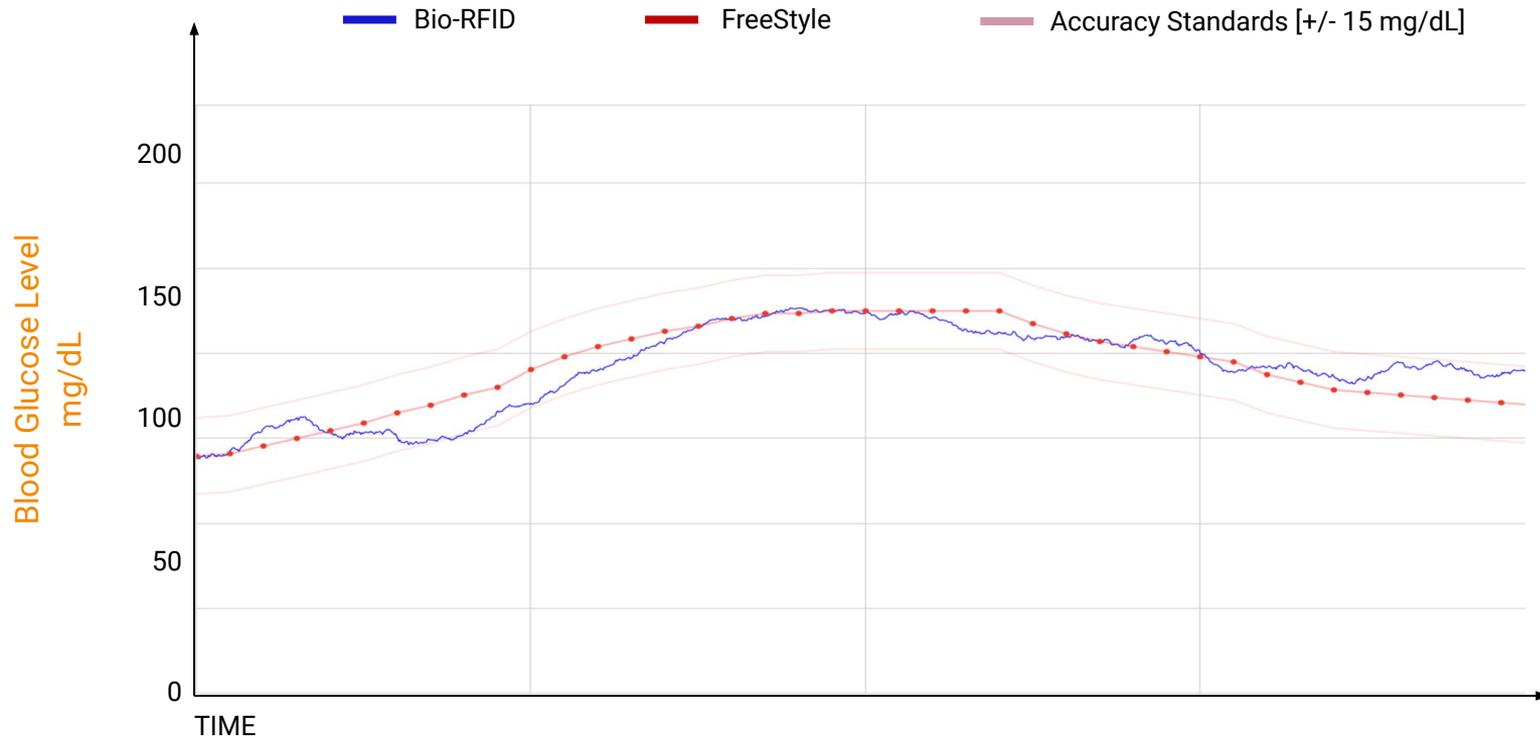


AUG-11, 2021; KNOW LABS R&D LABORATORY, SUBJECT #1



# Bio-RFID™ vs. FreeStyle® Libre 14-day

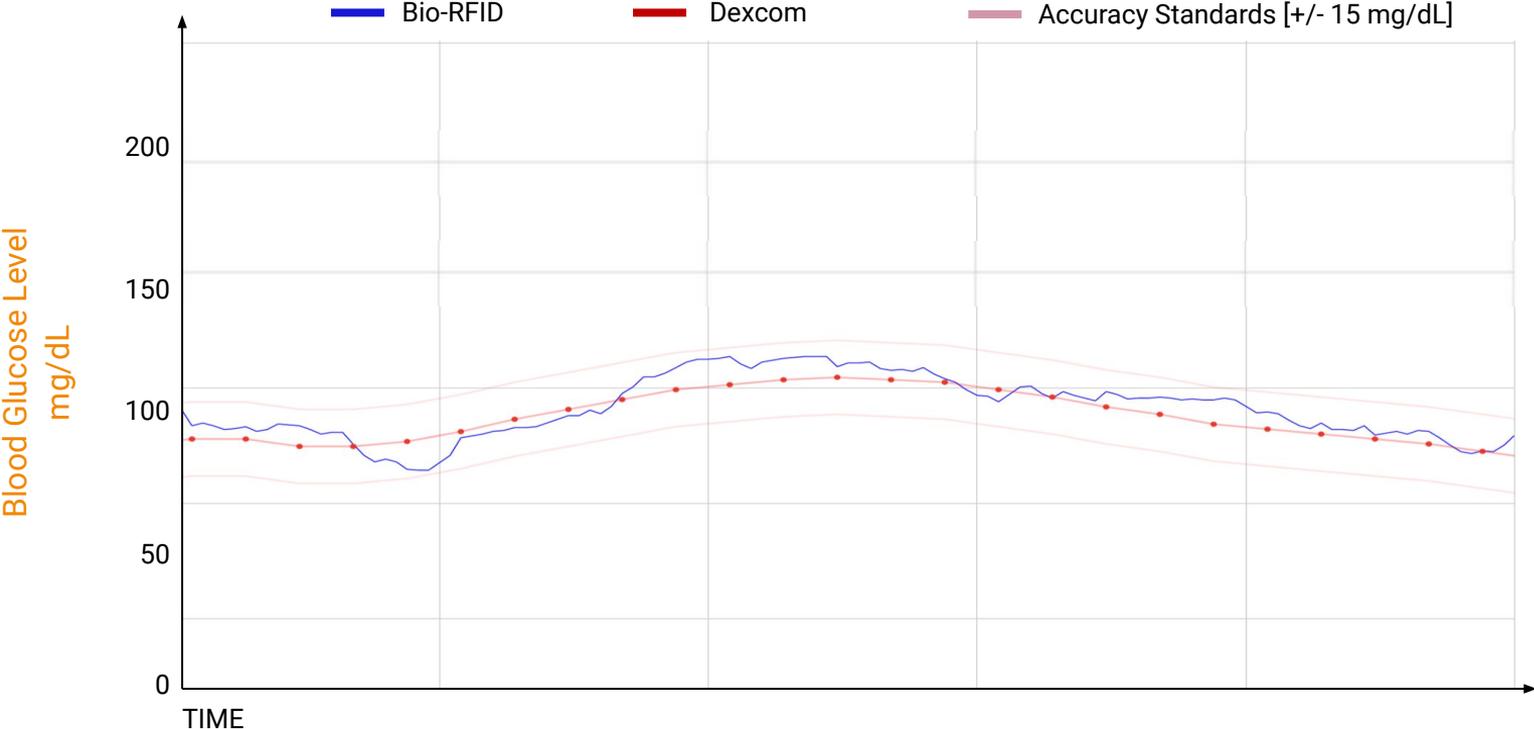
AUG-11, 2021; KNOW LABS R&D LABORATORY, SUBJECT #2



# Bio-RFID™ vs. Dexcom® G6



AUG-11, 2021; KNOW LABS R&D LABORATORY, SUBJECT #3



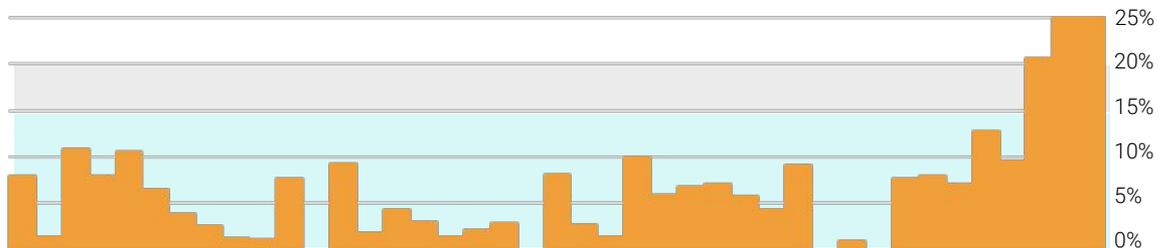
# Test Results - Summary

MARD [%] = Mean Absolute Relative Difference, Bio-RFID vs. Reference Device; lower is better

## Bio-RFID vs. Finger Stick

94% within +/- 20%

94% within +/- 15%

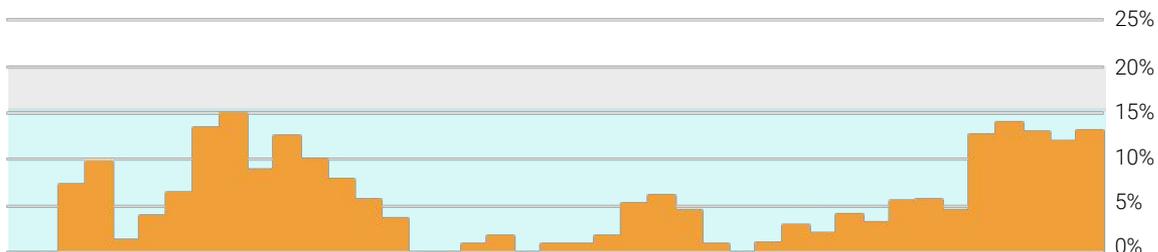


Average  
Bio-RFID  
MARD  
6.7%

## Bio-RFID vs. Free Style

100% within +/- 20%

98% within +/- 15%

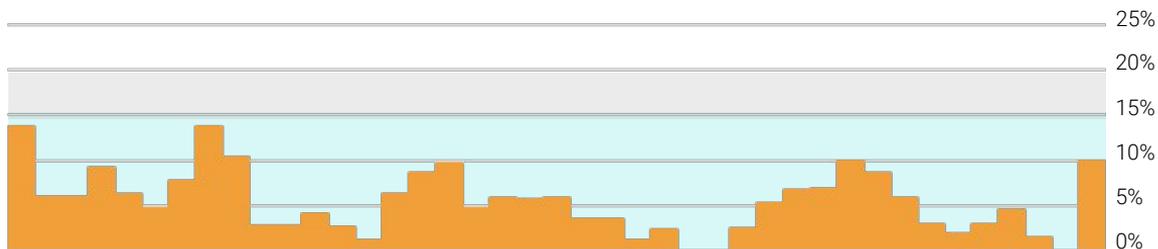


Average  
Bio-RFID  
MARD  
5.4%

## Bio-RFID vs. Dexcom G6

100% within +/- 20%

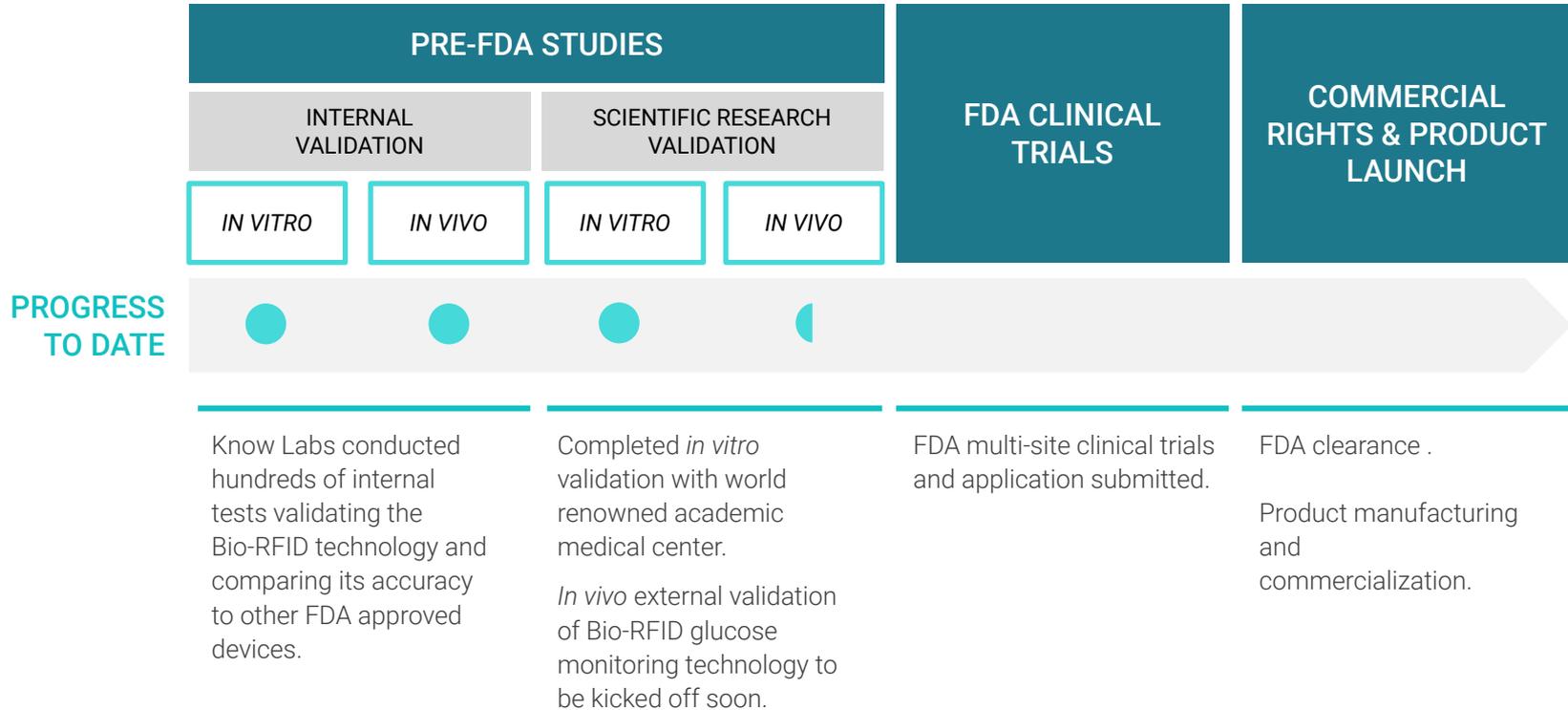
100% within +/- 15%



Average  
Bio-RFID  
MARD  
5.3%

TIME →

# Bio-RFID Expected Path-to-Market



# Summary

[www.knowlabs.co](http://www.knowlabs.co)

[ask@knowlabs.co](mailto:ask@knowlabs.co)

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# Disclaimers



## **Notice of Non-Affiliation and Disclaimer**

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## **Safe Harbor Statement**

This report and release contain statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements appear in a number of places in this release and include all statements that are not statements of historical fact regarding the intent, belief or current expectations of Know Labs, Inc., its directors or its officers with respect to, among other things: (i) financing plans; (ii) trends affecting its financial condition or results of operations; (iii) growth strategy and operating strategy; and (iv) performance of products. You can identify these statements by the use of the words “may,” “will,” “could,” “should,” “would,” “plans,” “expects,” “anticipates,” “continue,” “estimate,” “project,” “intend,” “likely,” “forecast,” “probable,” “potential,” and similar expressions and variations thereof are intended to identify forward-looking statements. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, many of which are beyond Know Labs, Inc.’s ability to control, and actual results may differ materially from those projected in the forward-looking statements as a result of various factors. These risks and uncertainties also include such additional risk factors as are discussed in the Company’s filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended September 30, 2020, Forms 10-Q and 8-K, and in other filings we make with the Securities and Exchange Commission from time to time. These documents are available on the SEC Filings section of the Investor Relations section of our website at [www.knowlabs.co](http://www.knowlabs.co). The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.