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KNOW LABS

Know Labs Study Published in IEEE Sensors Journal

Peer-reviewed journal publication validates the novelty of Know Labs' proprietary radiofrequency (RF) dielectric sensor and its application for non-invasive blood glucose monitoring

SEATTLE--(BUSINESS WIRE)-- Know Labs, Inc. (NYSE American: KNW), a leading developer of non-invasive medical diagnostic technology, today announced the publication of its peer-reviewed study in *IEEE Sensors Journal* titled, "Non-Invasive Blood Glucose Measurement Using RF Spectroscopy and a lightGBM AI Model." *IEEE Sensors* is the leading scientific journal in the U.S. that focuses on the theory, design, fabrication and applications of sensing devices, with an emphasis on emerging sensor innovations.

The article details historical developments and limitations with RF-based sensing technologies, and the distinctiveness of Know Labs' sensor architecture and trade-secret prediction machine learning algorithm. Where most other RF-based non-invasive blood glucose monitoring technologies focus on a narrow band of frequencies, Know Labs' RF sensing device applies broadband dielectric spectroscopy – rapidly scanning a large range of RF frequencies and recording voltage values detected at each frequency – to quantify blood glucose continuously. This technique enables Know Labs to use thousands of data points to identify and measure the material being scanned, rather than being limited to a small number of "resonant" frequencies used in resonance techniques.

"I am very proud of the Know Labs technical team's publication of their peer-reviewed work in the prestigious *IEEE Sensors Journal,* which asserts the novelty of our approach to developing the next generation of blood glucose monitoring devices," said Ron Erickson, CEO and Chairman at Know Labs. "We will continue to execute on our rigorous research and development roadmap to clinically validate our technology on our mission to deliver accurate, affordable and accessible non-invasive diabetes management solutions."

Results from this study, conducted in a lab setting using a first generation device, were first announced in May 2023 and published as a preprint inMedRxiv. Since these results, Know Labs has published several studies that indicate improved accuracy of its RF sensor within similar clinical research protocols among healthy participants using a continuous glucose monitor (CGM) comparator, as well as within protocols validating the medical application of its technology among people with diabetes and using venous blood as a comparative reference.

Publication in *IEEE Sensors Journal* contributes to the growing body of peer-reviewed research Know Labs is conducting as it prioritizes external validation of its technology. As the Company continues on its development path toward FDA clearance, Know Labs will deploy its device, in ongoing clinical and bench studies. As new data is collected and additional variables are introduced, the Company will make necessary refinements to its device and accompanying algorithms. To stay updated on the latest clinical research results, visit

www.knowlabs.co/research-and-development.

About Know Labs, Inc.

Know Labs, Inc. is a public company whose shares trade on the NYSE American Exchange under the stock symbol “KNW.” The Company’s platform technology uses spectroscopy to direct electromagnetic energy through a substance or material to capture a unique molecular signature. The technology can be integrated into a variety of wearable, mobile or bench-top form factors. This patented and patent-pending technology makes it possible to effectively identify and monitor analytes that could only previously be performed by invasive and/or expensive and time-consuming lab-based tests. The first application of the technology will be in a product marketed as a non-invasive glucose monitor. The device will provide the user with accessible and affordable real-time information on blood glucose levels. This product will require U.S. Food and Drug Administration clearance prior to its introduction to the market.

Safe Harbor Statement

This release contains 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, 2023, 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. 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.

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