



National Applied R&D Centre



## ***The Future of Non-Invasive Diagnostics***

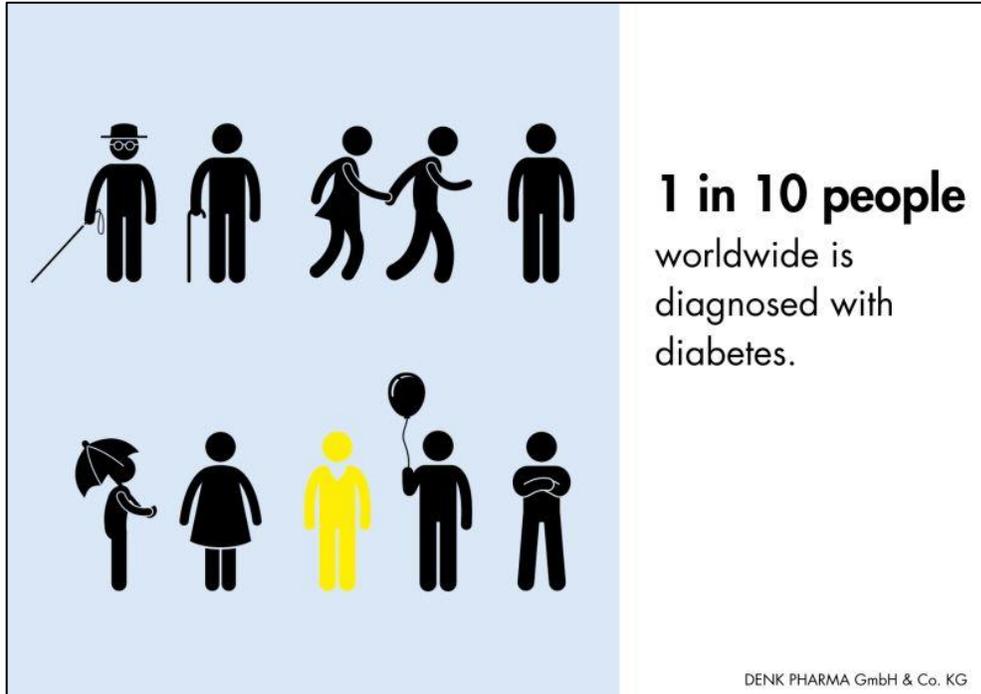
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Nur Ain Mohd Aziz

15/07/2025

*Innovation for Life*<sup>TM</sup>

# What Problem Do We Solve?

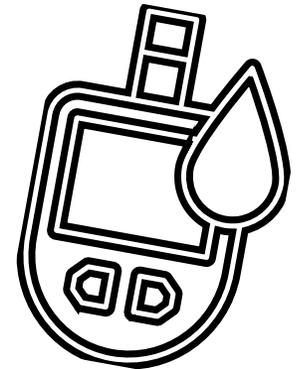



**1 in 10 people**  
worldwide is  
diagnosed with  
diabetes.

DENK PHARMA GmbH & Co. KG

## CURRENT GLUCOSE TESTS ARE:

- Painful (finger-prick)
- Reagent-dependent (costly)
- Inconvenient (low compliance)



# KEVA

## Reagent-less Blood Testing and Vital Sign

- non-invasive blood glucose monitoring
- Visible & NIR spectroscopy
- AI-powered interpretation
- Instant results, no pain, no consumables





# Global Economic Burden of Glucose Monitoring

(ASEAN-based model – 1 million patients)

Patient Category	Patients	Cost per Patient (USD)	Total Cost (USD)
Fully Subsidized (80%)	800,000	\$75	\$60 million
Partially Subsidized (15%)	150,000	\$300	\$45 million
Non-Subsidized (5%)	50,000	\$550	\$27.5 million
<b>Total Annual Budget</b>	<b>1,000,000</b>	–	<b>\$132.5 million</b>

# Beyond Glucose – The REVA Platform



## FOR BIO SAMPLE

- Hemoglobin
- Cholesterol
- Hydration

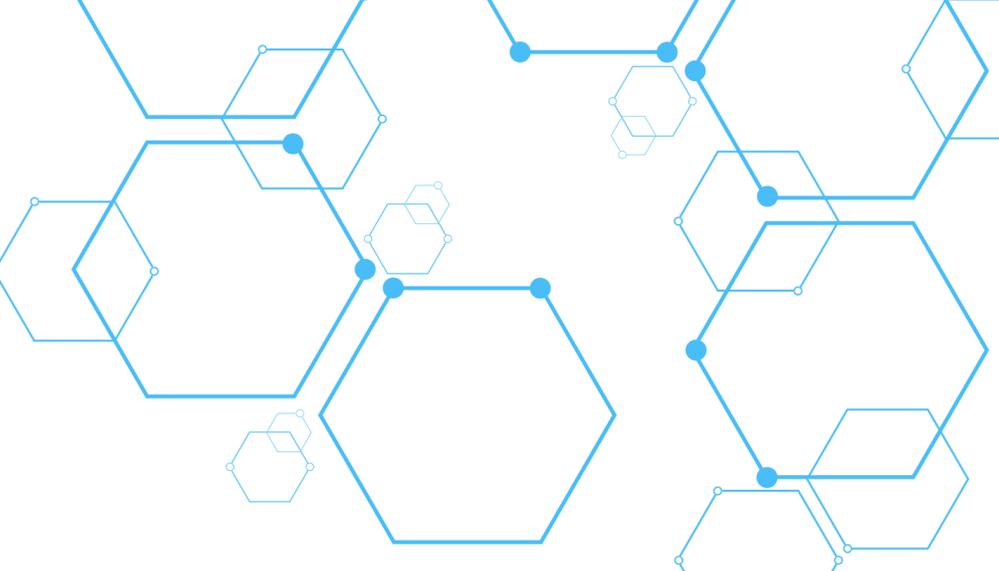


## FOR LIQUID SAMPLE

- Honey Purity
- Urine
- Water quality



# Call to Action

- 
- Invest in next diagnostics
  - Partner in clinical data collection
  - License or co-develop new biomarkers



# Proven Consistency in Hardware



SIRIM QAS International Sdn. Bhd.  
 (Company No.: 199601037981 (410334-X))  
 No. 1, Persiaran Dato' Menteri, P.O. BOX 7035, Section 2,  
 40700 Shah Alam, Selangor Darul Ehsan, Malaysia  
 Tel. 03-55446254  
 www.sirim-qas.com.my



## TEST REPORT

REPORT NO : 2025RE0084

PAGE : 1 OF 20

Unless otherwise stated, the results shown in this Test Report shall be valid exclusively for the specific sample either provided by the Applicant or sampled by the qualified officer and tested by SIRIM QAS International Sdn. Bhd. In deriving the results of this Test Report, SIRIM QAS International Sdn. Bhd. has relied solely on the sample and data information provided by the Applicant, in accordance with the applicable standards requested by the Applicant in the Application Form. This Test Report shall not be reproduced, except in full, without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International Sdn. Bhd. Kindly refer to the last page of this Test Report for the 'Conditions Relating to the Use of SIRIM QAS International Test Report'.

**Applicant** : MIMOS BERHAD (336183-H)  
 MRANTI Technology Park  
 Bukit Jalil  
 57000 Kuala Lumpur  
 Malaysia

**Manufacturer** : MIMOS BERHAD (336183-H)

**Product** : Reagent-less Blood Testing and Vital Sign Analyzer (REVA)

**Reference Standard / Method of Test** : MCMC MTSFB TC T007: 2020  
 (4.2.3 Technical requirements: Radio Frequency)/  
 ETSI EN 300 328 V2.2.2 (2019-07)

**Description of sample/ Description of Test Specimen** : Brand : MIMOS Berhad  
 Model : REVA\_AINS-1.0.0  
 Serial Number : Not Stated

*Disclaimer: All the information stated above has been provided/agreed by the Applicant. SIRIM QAS International Sdn. Bhd. shall not be held responsible for the accuracy, completeness, or validity of the information provided by the Applicant which may affect the validity of the test results. The accuracy and reliability of the test results are contingent upon the integrity and accuracy of the information provided by the Applicant.*

**Job No.** : J20241410431

**Description of Test Results/ Overall Test Result** : The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard.

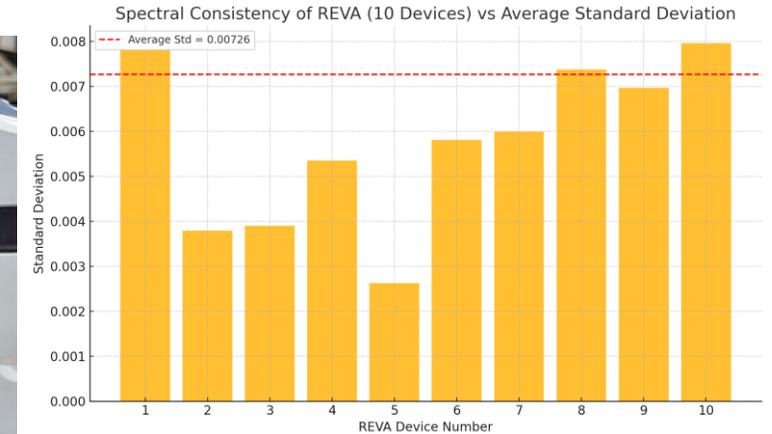
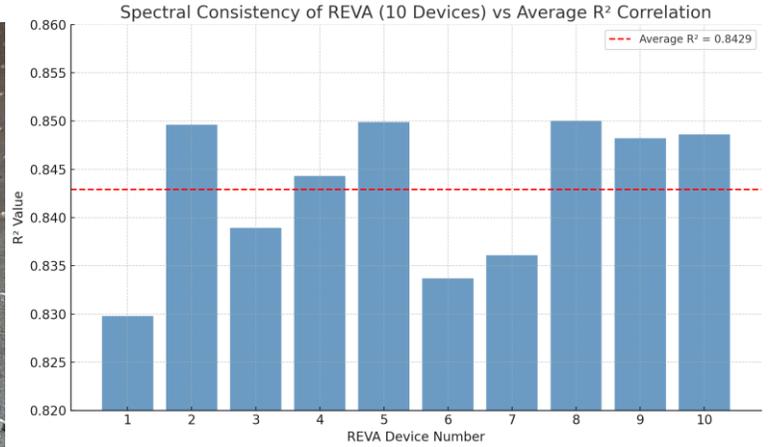
**Issued Date** : 11 March 2025

**Approved Signatory:**

(NURHAFENAH BINTI ABDUL JALIL)  
 Senior Testing Engineer

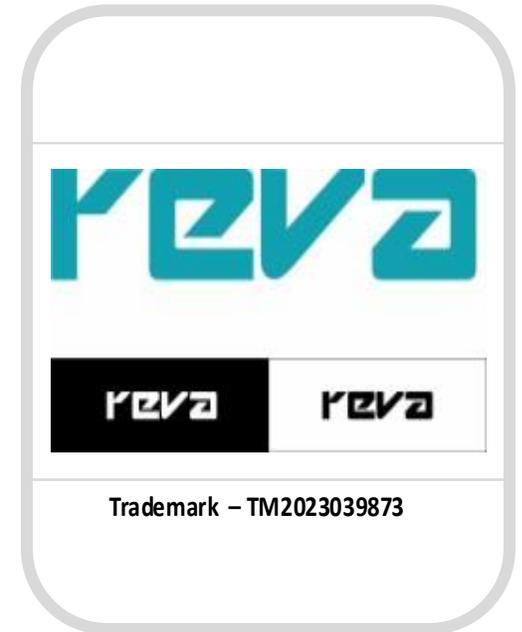
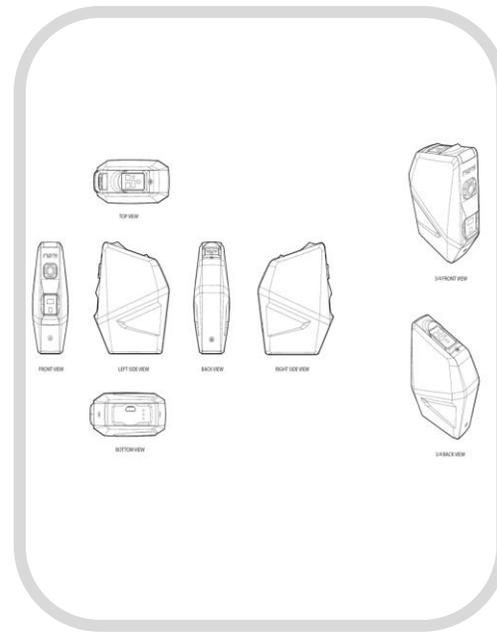


(ZARISMAIL BIN ABD RAHMAN)  
 Head  
 Radio Frequency & Electromagnetic  
 Compatibility Section  
 Testing Services Department





# Recognition





# Recognition

**Congratulations**  
to **MIMOS Berhad** on Winning  
at the  
**ITEX'25**  
55TH INTERNATIONAL INVENTION, INNOVATION,  
TECHNOLOGY COMPETITION & EXHIBITION, MALAYSIA

**GOLD**

**REVA** (Reagentless Blood Testing and Vital Signs Analyser) In-Situ  
Non-intrusive, real-time glucose and blood parameter detection using advanced AI.

**Congratulations**  
to Our Award-Winning Design Team!

**MIMOS**

MAJLIS PENGANUGERAHAN  
**MGDA 2023**  
MALAYSIA GOOD DESIGN AWARD  
12 JUN 2024 | THE EVERLY PUTRAJAYA

**Good design**

**MIMOS wins 2 prestigious awards at the Malaysia Good Design Award 2023/2024 for their outstanding work on the MIMOS Ultra-Wideband (UWB) Indoor Tracking Device and REVA**

**AWARD WINNING**



National Applied R&D Centre



# THANK YOU

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*Innovation for Life*<sup>TM</sup>