

THE

ALFA *horizons*

VOL. 2 | JANUARY 2026



PRODUCT HIGHLIGHTS

- VEINCAS
- WONDx
- GLYCOSULL
- BIOGNOST

STRONGER & SHARPER COMMITMENTS IN

2026

CONTINUOUS ALFA EDUCATION (C.A.E)

- CENTRIFUGE TROUBLESHOOTING
- INTERNAL QUALITY CONTROL

from the table of..

Managing Director

Happy New Year 2026! We believe that meaningful progress happens when expertise meets purpose. We see ourselves not just as a provider but as a long-term partner in your success.

HAPPY NEW YEAR! As we begin 2026, I would like to extend my sincere appreciation to our clients and partners for the trust you have placed in us. Your confidence in our work continues to inspire our commitment to delivering solutions that support better outcomes, efficiency and care.

Our focus is on precision, performance and partnership. We are strengthening our capabilities, enhancing product solutions, and investing in technologies that improve accuracy, safety and user experience. At the same time, we are committed to working more closely with our clients by listening, learning and evolving alongside your needs.

Thank you for being part of our journey. We look forward to another year of collaboration, innovation and shared growth.

MR. MOHD AZLI BIN YUSOP

Managing Director
ALFA DIAGNOSTIK SDN. BHD.

THE
ALFAhorizons
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IN COLLABORATION WITH ALL DEPARTMENTS



USER MEETING ALFA DIAGNOSTIK *with* JKN PERAK

3rd JAN 2026 @ WEIL HOTEL, IPOH

“Towards More Focused User Meetings with JKN Nationwide”



Alfa Diagnostik Sdn. Bhd. recently conducted a User Meeting with the Perak State Health Department (JKN Perak) to strengthen collaboration and enhance service delivery. The session provided a structured platform to review the performance of Alfa Diagnostik products and services deployed across JKN Perak facilities, while also gathering user feedback on operational challenges faced by laboratories.

Discussions focused on identifying improvement areas, developing actionable plans and enhancing technical support strategies in alignment with principles of good governance, confidentiality, shared responsibility, and continuous quality improvement, as required by JKN Perak. Each participating District Health Office (PKD) was represented by two delegates, ensuring comprehensive user representation.

Encouraged by the positive outcomes of this focused engagement, Alfa Diagnostik aims to extend similar user meetings to State Health Departments (JKN) nationwide, fostering long-term strategic collaboration in laboratory diagnostics.



Improving Accuracy, Comfort & Care



Projection VEIN FINDER

The Projection Vein Finder is an advanced medical device designed to assist healthcare professionals in locating veins quickly and accurately. Utilizing cutting-edge infrared light projection technology, the device casts a real-time image of the veins onto the skin, making it easier for clinicians to perform venipuncture procedures.



- ➔ **High Visibility with NIR projection**
- ➔ **Green Light Option for dark skin tones**
- ➔ **Size Selection – Normal / Pediatric**
- ➔ **Portable & Lightweight (350g)**
- ➔ **Easy-to-use UI with One-button Operation**
- ➔ **Hands-Free Stand Options**
- ➔ **Five Display Colours**
- ➔ **Depth Detection Modes**



Stand Options



Floor Stand



Table Stand

Clinical Applications' Indicatives



Venipunctures



**Cosmetic
Procedures**



**Vascular
Procedures**

For Various Skin Conditions



CHILDREN



OBESITY



GERIATRIC



SKIN DISEASE



EDEMA

WonDx™ Automated Rapid Molecular Diagnostic System

The WonDx™ Automated Rapid Molecular Diagnostic System transforms PCR testing with its simplicity, efficiency and precision. This fully automated platform seamlessly integrates advanced microfluidics with magnetic bead-based nucleic acid extraction and real-time PCR. Experience rapid sample-to-result qPCR analysis in just 15 minutes.



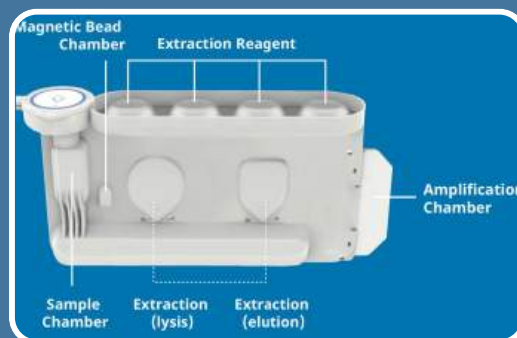
FEATURES

-  **Lazyman Operation**
 - Sample in, result out
-  **Powerful Report Capability**
 - 7 targets can be detected in one cartridge
 - Extendable test panel
 - Result output in 15 minutes
-  **Scalable Modular Configuration**
 - Multi channel configuration :
 - 8 units maximumly, 256T per day
-  **Allowing Various Specimens**
 - Alveolar lavage fluid, Sputum, Nasopharyngeal swab, Oropharyngeal swab, Cervical swab, Urine
-  **Simplifying Working Procedures**
 - Storage at room temperature
 - Dry and liquid reagents prefill

TEST MENU

- WonDx™ 2019-nCoV/FluA/FluB/RSV
- WonDx™ RespiratoryPathogen Panel
- WonDx™ Lower Respiratory Pathogen
- WonDx™ Vector-borne Pathogen
- WonDx™ MRSA/SA
- WonDx™ CT/NG
- WonDx™ STI Plus
- WonDx™ GBS
- WonDx™ MTB&RIF
- WonDx™ VRE
- WonDx™ HPV

WonDx™ Cartridge



- 1 minute hands-on preparation
- Delivery of qualitative and quantitative results
- More accurate and sensitive LoD 200 copies/mL
- Lyophilized reagents for stability

“Clinical Accuracy, Refreshing Taste“

Glycosull®



Designed to make Glucose Tolerance Testing (GTT) easier for both patients and healthcare providers, this ready-to-drink oral glucose solution supports the accurate evaluation of diabetes mellitus and other glucose metabolism disorders. Created specifically for diagnostic use, it delivers reliable performance without being intended for therapeutic or nutritional purposes.



Glycosull Rack for display in medical facilities and pharmacies



FEATURES

- Made from conventional corn dextrose.
- Gluten-free (less than 10 ppm of gluten).
- May contain trace amounts of:
 - Fructose (<0.15%)
 - Maltose + Isomaltose (<0.4%)
 - Maltotriose (<0.2%)



BIOGNOST®
MEDICAL PRODUCTS

MICROSCOPY AND LABORATORY DIAGNOSTICS

BioGnost provides products for use in histopathology, hematology, cytology, transfusiology and microbiology with a wide national and international distribution network present in over 65 countries. BioGnost offers only the best quality products at competitive prices and has one of the widest ranges of medical products in South-Eastern Europe.

- **FIXATION AND PROCESSING**
- **MOUNTING AND MICROSCOPY**
- **STANDARD HISTOLOGY STAINING REAGENTS**
- **CYTOLOGY AND HEMATOLOGY STAINING REAGENTS**
- **BACTERIOLOGY AND MYCOLOGY STAINING REAGENTS**
- **SPECIAL STAINING KITS FOR HISTOLOGY AND CYTOLOGY**
- **POWDER DYES AND STAINS**



Centrifuges are essential instruments in many laboratory settings, used to separate fluids, gases, or suspended particles based on differences in density. In research and clinical laboratories, they are commonly applied in cell collection, organelle purification, virus purification, protein isolation, and nucleic acid purification. Despite their widespread use, centrifuges may occasionally encounter operational issues such as imbalance, mechanical wear or improper usage, which can affect performance, safety and result accuracy. Understanding the role of centrifuges and recognising potential challenges is an important first step toward ensuring reliable laboratory outcomes.

CENTRIFUGE TROUBLESHOOTING

(NUVE NF800-800R)

Prepared by: Technical Department, Alfa Diagnostik Sdn Bhd

If the centrifuge fails to operate, please check the following:

- Ensure the ON/OFF switch is in the ON position
- Verify that the fuses are intact
- Confirm the power plug is not defective
- Ensure the centrifuge is properly connected to the power supply
- Check that the electrical installation is functioning correctly
- Confirm that power is available

Cleaning Instructions

- Always disconnect the centrifuge from the power supply before cleaning
- Routine daily cleaning is not required
- Clean only if a tube breakage or liquid spill occurs



ERROR CODES AND DESCRIPTIONS



IMBALANCE ERROR

- Caused by incorrect or uneven tube loading
- Ensure tubes are inserted correctly and balanced



MOTOR OVERHEAT

- Switch off the centrifuge
- Allow it to cool for at least 20 minutes before restarting



SPEED FAILURE / VOLTAGE DROP

- Optical sensor or motor failure may be present
- Check whether the "Running" indicator LEDs are illuminated
If OFF: Optical sensor is defective
If ON: Motor may be defective
- This error may also occur when mains voltage drops below the lower limit



LID FAILURE

- Occurs when the lid is opened during centrifugation



TEMPERATURE SENSOR FAILURE (NF 800R ONLY)

- Temperature sensor terminals are damaged



MOTOR FAILURE

- Motor driver unit (inverter) is defective
- Switch off the centrifuge and restart after the motor stops
- If the error remains, contact service support



LID OPEN SWITCH FAILURE

- "Lid Open" switch on the Lid Board is defective



LID CLOSE SWITCH FAILURE

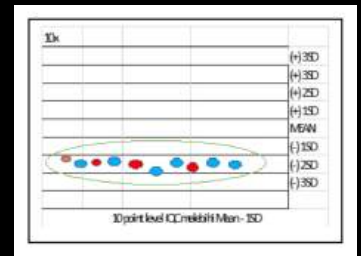
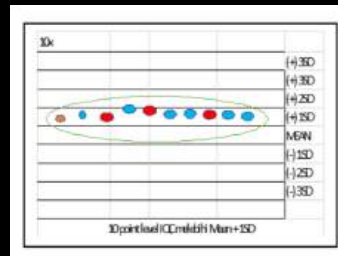
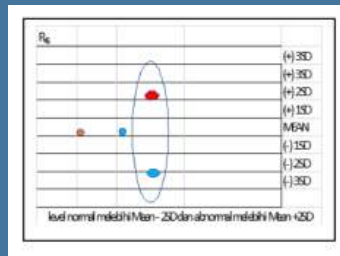
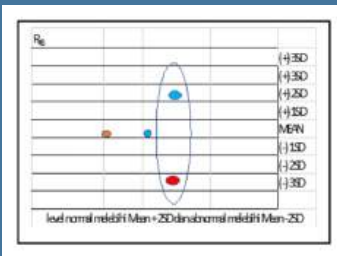
- "Lid Close" switch on the Lid Board is defective



From the table of SCIENCE OFFICER (BioChemistry): SAIRI SATARI, BCN

INTERNAL QUALITY CONTROL (WESTGARD RULES)

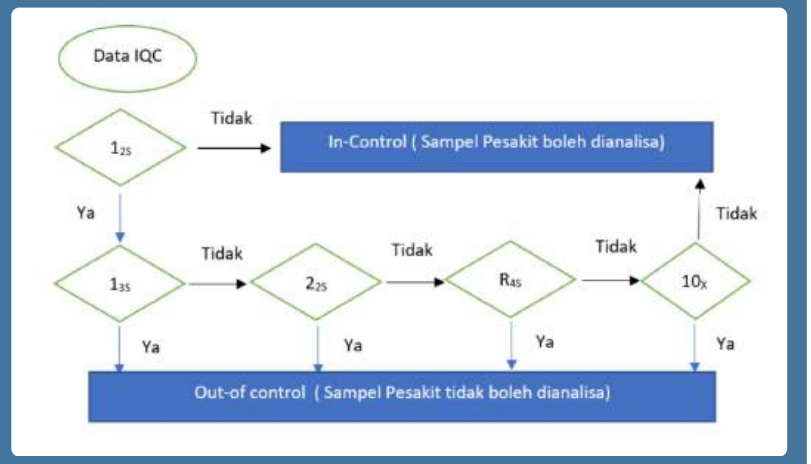
In the previous session, when our IQC fell under the 13S rule, patient samples must not be analyzed. In Series 9, we will continue our discussion on the next Westgard rules, namely 22S, R4S, and 10X. The 22S rule means that two IQC levels fall between Mean +2SD and Mean +3SD or between Mean -2SD and Mean -3SD consecutively. If a 22S rule violation occurs, patient samples must not be analyzed.



R4S means that the normal IQC level exceeds Mean +2SD while the abnormal IQC level exceeds Mean -2SD, or vice versa. This condition occurs in a within-run situation rather than a between-run situation. If an R4S rule violation occurs, patient samples must not be analyzed.

10X means that ten consecutive IQC data points are at levels exceeding Mean +1SD or exceeding Mean -1SD.

WESTGARD RULES SUMMARY



SCAN THE QR CODE TO VIEW ALL
PREVIOUS SHARING SERIES



OUR SOLUTIONS

SAMPLE MANAGEMENT SYSTEM

SaMS

Streamline your lab operations with our software solution, designed to optimize every stage of the medical laboratory process, from pre-analytical to analytical and post-analytical, ensuring accuracy and efficiency at every step.



MyPHLEBO



OPDSys



MyDate



SPOTS

PHLEBOTOMY TUBE PREPARATION

ENERGIUM

Energium has series of labeller that automatically attaches the sample information printed label to the tube and provides the patient information printed label. With the MyPhlebo software, it makes blood collection tasks more convenient.



GNT9



HENm



HEND



HENe

TEMPERATURE MONITORING SYSTEM

ALFA CT PRO

Help to simplify the entire process by allowing businesses to consistently receive accurate, real time temperature data automatically. This constant flow of data provides the information necessary to ensure temperatures are always within the proper range and meet safety protocols.



Temperature Logger & Monitoring System

BIOCHEMISTRY REAGENT

medicon

The Medicon AU Series Dedicated Barcoded System Reagents offer high quality, innovative solutions for your clinical chemistry needs. These reagents are designed with enhanced linearity and extended stability, ensuring reliable performance.



AU Series Reagent



Calibration & Control

CLINICAL LABORATORY



These section offer total solution for specimens (including blood, urine, secretions etc) collection transportation and storage.



Evacuated Blood Collection System
Capillary Blood Collection System
Microbiological Transportation System

MOLECULAR DIAGNOSTIC

WonDx™

The WonDx™ Automated Rapid Molecular Diagnostic System transforms PCR testing with its simplicity, efficiency, and precision. Experience rapid sample-to-result qPCR analysis in just 15 minutes.



WONDx

OUR SOLUTIONS

LAB & STERILIZATION TECHNOLOGY



Clinical laboratories, medical, research, biotechnology agriculture, veterinary labs, food, beverage and dairy, chemicals, automotive, aerospace, ceramics, water and pharmaceutical industries.



Lab Freezer, Safety Cabinets, Centrifuge & more

BLOOD BANK PRODUCTS



This product is designed to effectively filter leukocytes and cellular aggregates from blood or blood components, helping to improve the quality and safety of blood products prior to transfusion or further processing.



Leukocyte

HISTOLOGY EQUIPMENT



Precision-engineered instruments that support reliable tissue processing in histopathology. Their ranges designed for smooth, accurate sectioning and consistent performance in routine and research applications.



Microtomes, Blades, Stainer, Embedding Cassette

QUALITY CONTROL



Calibration & Control - High quality, cost effective laboratory solutions. With approximately 70% of clinical decisions based on laboratory test results.



ACUSERA

RIQAS

CLINICAL CHEMISTRY ANALYZERS



The Diatron Aquarius 3 is a hematology analyzer used in medical laboratories for blood testing. It performs a complete blood count (CBC) by analyzing various components of the blood.



Aquarius 3

P780

ADVANCED VEIN VISUALIZATION



Advanced vein visualization devices designed to improve accuracy and confidence in venipuncture. It clearly highlight veins beneath the skin, assisting healthcare professionals in reducing failed attempts and enhancing patient comfort.



Vein Finder

HISTOLOGY SUPPLIES



High-quality reagents and consumables for histopathology and cytology. With a focus on reliability and ease of use, it support accurate tissue visualization and streamline daily workflows in diagnostic and research laboratories.



QCA-Stainer

Reagents

RAPID TEST KITS



Wide selection of rapid diagnostic test kits from trusted brands, providing fast and reliable results for point-of-care testing. With clear results in minutes, our rapid tests support timely decision-making, enhance patient care, and meet the needs.



Rapid Diagnostic Test Kits

LABELLING



Durable labelling solutions designed specifically for hospital, clinics and laboratory use, including label paper and rolls compatible with common labelling systems.

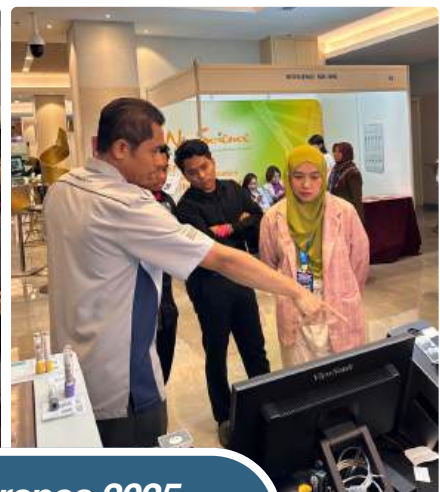
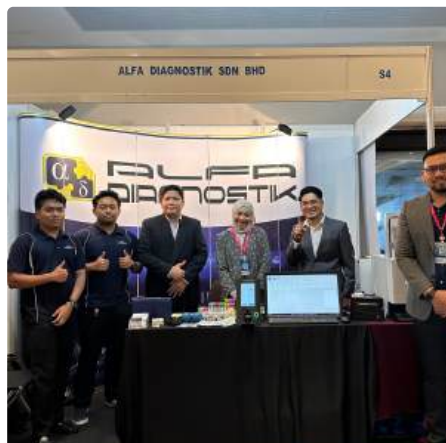


Label Roll & Stickers

ALFA DIAGNOSTIK'S EVENTS



*2026 Alfa Diagnostik User Meeting with Jabatan
Kesihatan Negeri Perak @ Weil Hotel Ipoh*



*Exhibitor at National Pathology Conference 2025
@ Courtyard by Marriott Melaka*



*Alfa Diagnostik 2026 Annual Kickoff Meeting
@ Reflexion Cyberjaya*



ALFA'S GALLERY



Product Presentation at Hospital Sultanah Bahiyah with the presence of IMPROVE Country Manager



Site Visit to Hospital Queen Elizabeth, Kota Kinabalu



Vein Finder Demonstration at Klinik Kesihatan Kepala Batas



Collaboration Meeting with Pusat Darah Negara



HEne Duo Autolabeller Installation at KK Bandar Sungai Petani



PASS Presentation at Hospital Sultanah Aminah, JB



Meeting with Deputy Director of JKN Perak



CAE Webinar with BioMedical Science Students of IIUM



Wondfo Global POCT Summit at Guangzhou, China