

PRODUCT CATALOGUE



DIABETES CARE

HOME DIAGNOSTICS

POINT-OF-CARE

CLINICAL & LABORATORY

APEXBIO™

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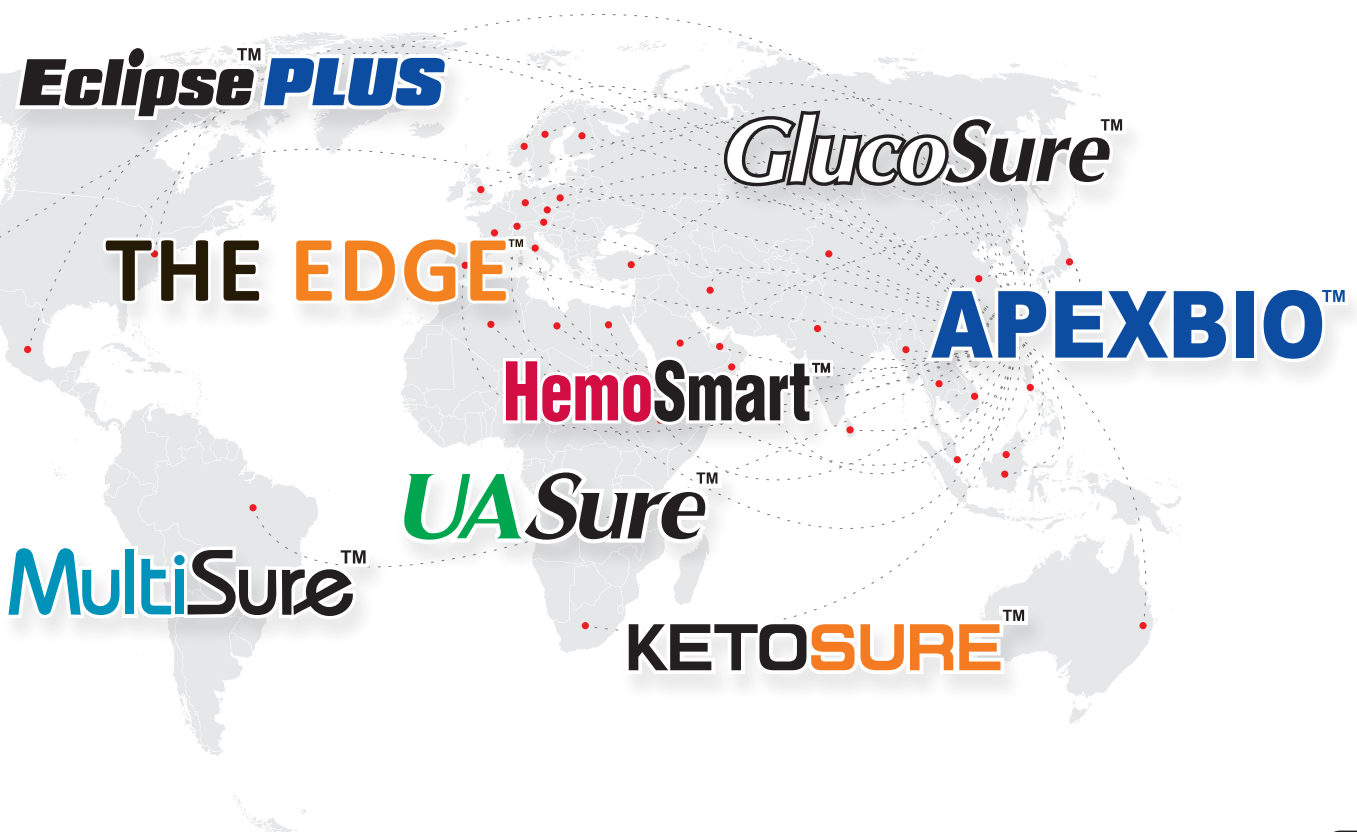
ABOUT APEXBIO

Established in Taiwan in 1997, APEXBIO is a leading diagnostic solution provider. Utilizing our know-how and broad intellectual properties in biosensor development and manufacturing, our products are currently sold in more than 80 countries worldwide and are helping healthcare providers and consumers alike to manage conditions including diabetes, anemia, hyperlipidemia, emergency care, and other chronic and acute conditions.

APEXBIO has been a publicly traded company in Taiwan since 2000, and was the first of its industry peers to achieve this monumental goal.

APEXBIO maintains a dynamic portfolio of diagnostic and monitoring solutions and is actively engaged in research, development, manufacturing and sales worldwide. With a growing portfolio of over 100 international patents, we utilize our development and manufacturing expertise to tailor products that satisfy customer requirements and meet market needs quickly and efficiently. Our manufacturing takes place in two US FDA and EU IVDR approved facilities in Taiwan, both of which have passed numerous US and European regulatory inspections without any deficiencies, and have been certified by Taiwan QMS, ISO 13485, FDA and MDSAP. Additionally, our products have received CE, UKCA, US FDA, Taiwan FDA and China NMPA regulatory certification.

APEXBIO leads the market with unsurpassed commitment to quality, providing affordable, turnkey solutions for the healthcare industry.





All blood glucose products are compliant
with ISO 15197:2013 / EN ISO 15197:2015

DIABETES CARE

Hematocrit Compensation & Interference Correction

Hematocrit is a major factor in blood glucose testing. APEXBIO BGMS utilize advanced algorithms and sensing technology to adapt to the different HCT conditions in each sample, improving test results from blood samples and ensuring each blood glucose reading is as accurate as possible.



Instant Three-Step Verification Ensures
Accurate Results Every Time



- Confirms test strip is positioned correctly



- Pinpoint technology detects sample



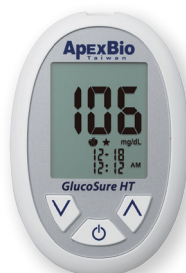
- Fill detection verifies that sample is sufficient



GlucoSureTMHT^{Link}

Blood Glucose Monitoring System

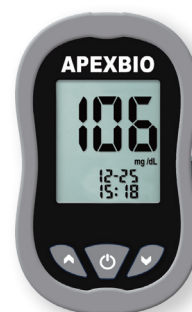
- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 5 Seconds
- Sample Volume: $\geq 0.5 \mu\text{L}$
- Hematocrit Range: 10 - 70%
- Alternate Site Testing
- Memory: 500 Test Results
- PC Link, Bluetooth



GlucoSureTMHT

Blood Glucose Monitoring System

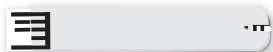
- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 5 Seconds
- Sample Volume: $\geq 0.5 \mu\text{L}$
- Hematocrit Range: 10 - 70%
- Alternate Site Testing
- Memory: 300 Test Results
- PC Link



GlucoSureTMHT^{Plus}

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 5 Seconds
- Sample Volume: $\geq 0.5 \mu\text{L}$
- Hematocrit Range: 10 - 70%
- Alternate Site Testing
- Strip Ejection
- Memory: 500 Test Results



Instant Three-Step Verification Ensures Accurate Results Every Time



- Confirms test strip is positioned correctly



- Pinpoint technology detects sample



- Fill detection verifies that sample is sufficient



GlucoseSure™ VIVO^{Link}

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 6 Seconds
- Sample Volume: $\geq 0.7 \mu\text{L}$
- Hematocrit Range: 30 - 55%
- Alternate Site Testing
- Memory: 300 Test Results
- PC Link, Bluetooth
- Voice Guidance

GlucoseSure™ VIVO

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 6 Seconds
- Sample Volume: $\geq 0.7 \mu\text{L}$
- Hematocrit Range: 30 - 55%
- Alternate Site Testing
- Memory: 300 Test Results
- PC Link
- Voice Guidance

GlucoseSure™ Link

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 6 Seconds
- Sample Volume: $\geq 0.7 \mu\text{L}$
- Hematocrit Range: 35 - 50%
- Alternate Site Testing
- Memory: 300 Test Results
- Bluetooth



GlucoseSure™ Light

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 6 Seconds
- Sample Volume: $\geq 0.7 \mu\text{L}$
- Hematocrit Range: 30 - 55%
- Alternate Site Testing
- Memory: 300 Test Results
- PC Link



GlucoseSure™ AutoCode

Blood Glucose Monitoring System

- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 6 Seconds
- Sample Volume: $\geq 0.7 \mu\text{L}$
- Hematocrit Range: 35 - 50%
- Alternate Site Testing
- Memory: 300 Test Results
- PC Link

HOME DIAGNOSTICS

Electro Chemistry

Our test strips use a proprietary design consisting of multiple layers of analytical elements, including carbon and gold for different sensor designs. Samples react with an immobilized dry reagent, allowing different parameters to be calculated through electrochemical reactions for Blood Glucose, Cholesterol, Triglycerides, Uric Acid, β -Ketone, Lactate and Hemoglobin.



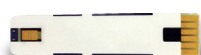
MultiSure™ GCTU

Blood Glucose, Cholesterol, Triglycerides And Uric Acid Monitoring System

- LCD Backlight
- Strip Ejection
- Data Transfer: PC Link, Bluetooth



GLUCOSE



CHOLESTEROL



TRIGLYCERIDES



URIC ACID

	GLUCOSE	CHOLESTEROL	TRIGLYCERIDES	URIC ACID
Measurement Range	20 - 600mg/dL	100 - 400mg/dL	50 - 650mg/dL	3 - 20mg/dL
Test Time	5 secs	60 secs	60 secs	10 secs
Sample Size	≥0.5 μ L	≥3.6 μ L	≥1.2 μ L	≥1.5 μ L
Hematocrit Range	10 - 70%	30 - 55%	30 - 55%	20 - 60%
Memory Sets	500	200	100	200

KETONE



MultiSureTM GK

Blood Glucose and Ketone Monitoring System

- Autocode
- Measurement Range:
Glu: 20 - 600mg/dL / Ket: 0.1 - 8mmol/L
- Test Time: Glu: 5 secs / Ket: 8 secs
- Sample Volume:
Glu: $\geq 0.5 \mu\text{L}$ / Ket: $\geq 0.8 \mu\text{L}$
- Hematocrit Range:
Glu: 10 - 70% / Ket: 20 - 60%
- Memory: Glu: 500 / Ket: 100 Test Results
- Strip Ejection
- LCD Backlight

MultiSureTM GK^{Link}

Blood Glucose and Ketone Monitoring System

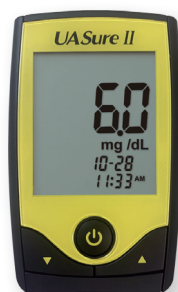
- Autocode
- Measurement Range:
Glu: 20 - 600mg/dL / Ket: 0.1 - 8mmol/L
- Test Time: Glu: 5 secs / Ket: 8 secs
- Sample Volume:
Glu: $\geq 0.5 \mu\text{L}$ / Ket: $\geq 0.8 \mu\text{L}$
- Hematocrit Range:
Glu: 10 - 70% / Ket: 20 - 60%
- Memory: Glu: 730 / Ket: 100 Test Results
- Strip Ejection
- LCD Backlight
- PC Link, Bluetooth

KET-1TM

Blood Ketone Monitoring System

- Autocode
- Measurement Range: 0.1 - 8mmol/L
- Test Time: 8 Seconds
- Sample Volume: $\geq 0.8 \mu\text{L}$
- Hematocrit Range: 20 - 60%
- Memory: 500 Test Results
- Strip Ejection
- LCD Backlight

URIC ACID



UASureTM II

Uric Acid Monitoring System

- Measurement Range: 3 - 20mg/dL
- Test Time: 10 Seconds
- Sample Volume: $\geq 1.5 \mu\text{L}$
- Hematocrit Range: 20 - 60%
- Memory: 200 Test Results
- Pocket Size



UASureTM II^{Link}

Uric Acid Monitoring System

- Measurement Range: 3 - 20mg/dL
- Test Time: 10 Seconds
- Sample Volume: $\geq 1.5 \mu\text{L}$
- Hematocrit Range: 20 - 60%
- Memory: 200 Test Results
- Pocket Size
- Bluetooth



HEMOGLOBIN

HemoSmartTM PRO

Hemoglobin Monitoring System

HBM301



- Metal Electrode Strip
- Autocode
- Measurement Range: 0 - 24g/dL
- Test Time: 4 Seconds
- Sample Volume: $\geq 1 \mu\text{L}$
- Hematocrit Range: 0 - 70%
- Memory: 500 Test Results
- Strip Ejection
- PC Link

LACTATE

THE EDGETM PRO

Blood Lactate Monitoring System

LAM201BT



- Metal Electrode Strip
- Autocode
- Measurement Range: 6 - 200mg/dL
- Test Time: 15 Seconds
- Sample Volume: $\geq 1 \mu\text{L}$
- Hematocrit Range: 20 - 70%
- Memory: 500 Test Results
- Strip Ejection
- LCD Backlight
- PC Link, Bluetooth (optional)



GDH-FAD

POINT-OF-CARE



GlucoseSure™ POC Compact

Blood Glucose Monitoring System

- Blood Sample: Capillary, Venous, Arterial, and Neonatal
- GDH-FAD
- Autocode
- Measurement Range: 10 - 600mg/dL
- Test Time: 5 Seconds
- Sample Volume: $\geq 0.6 \mu\text{L}$
- Hematocrit Range: 0% - 70%
- Memory: 500 Test Results
- Strip Ejection
- Data Transfer: PC Link, Bluetooth



GlucoseSure™ ADVANCE II & Link

Blood Glucose Monitoring System

- Blood Sample: Capillary, Venous and Neonatal
- GDH-FAD
- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 8 Seconds
- Sample Volume: $\geq 0.8 \mu\text{L}$
- Hematocrit Range: 10% - 70%
- Memory: 1,000 Test Results(GlucoseSure ADVANCE II)
700 Test Results(GlucoseSure ADVANCE Link)
- Strip Ejection
- Data Transfer: PC Link, Bluetooth(GlucoseSure ADVANCE Link)

GlucoSure™ POC

Blood Glucose and Ketone Monitoring System

GlucoSure POC Blood Glucose and Ketone Monitoring System is intended for In Vitro Diagnostics and to be operated by healthcare professionals in laboratories, clinics, and hospitals for Point-of-Care whole Blood Glucose and Ketone testing.

- Strip Ejection
- Splash Proof
- Link to HIS / LIS
- Data Transfer: Micro USB, Ethernet, Wi-Fi
- Built-in Barcode Scanner / Base Unit
- Memory:
 - Glucose: 5,000 Test Results
 - Ketone: 1,000 Test Results
 - Glucose / Ketone Control: 1,000 Test Results
 - Operator ID / Patient ID: 4,000



GLUCOSE



- Blood Sample: Capillary, Venous, Arterial, and Neonatal
- GDH-FAD
- Autocode
- Measurement Range: 20 - 600mg/dL
- Test Time: 8 Seconds
- Sample Size: $\geq 0.8 \mu\text{L}$
- Hematocrit Range: 10% - 70%

KETONE



- Blood Sample: Capillary, Venous
- Autocode
- Measurement Range: 0.1 - 8.0mmol/L
- Test Time: 8 Seconds
- Sample Size: $\geq 0.8 \mu\text{L}$
- Hematocrit Range: 20% - 60%

CLINICAL & LABORATORY

Latex Immunoturbidity Assay

Latex Immunoturbidity Assay is a method commonly used in medical laboratories to detect specific biochemical analytes. The basic principle lies in using detector antigen that can be passively absorbed into the surface of latex particles, and a specific antibody that can recognize the antigen absorbed in the latex. This antibody-antigen interaction causes turbidity change, which can be detected by a specialized photometer and used to calculate a concentration of the analyte in question.

EclipseTM PLUS

Multi-purpose Analyzer

- Fully Automatic Testing
- 5" Full Color LCD Touchscreen
 - HbA1c: %, mmol/mol, eAG
 - Microalbumin: mg/dL
 - Creatinine: mg/dL, mmol/L
 - ACR: mg/g, mg/mmol
- Type-A USB Interface X2, Type-B USB Interface X1
- Universal Power Supply:
 - INPUT: 100 - 240V, 50/60 Hz
 - OUTPUT: 12V, 2.5A
- Dimension: 289L x 206W x 141H (mm)
- Weight: 1.7 kg
- Operating Condition: 18 - 35°C / Humidity: <80%
- Analyzer Storage Condition: 10 - 40°C / Humidity: <80%



- Cartridge Storage Temperature:
 - HbA1c: 2 - 8°C, Microalbumin: 4 - 30°C,
 - Creatinine: 4 - 30°C, ACR: 4 - 30°C
- Memory:
 - 1000 Test Results (250 tests per category)
 - 1000 Control Results (250 tests per category)

The Eclipse Plus Analyzer is an automated, easy to use, compact desktop system that utilizes these principles to reliably detect the concentrations of various markers important to chronic disease monitoring. The Eclipse Plus Analyzer has four detection kits available: HbA1c, Microalbumin, Creatinine, and ACR(Albumin to Creatinine Ratio), uses samples from capillary and venous whole blood or urine, and conforms to the performance standards of traditional laboratory analyzers.



HbA1c

- Self-contained cartridge
- Displays IFCC and NGSP Value With eAG (estimated Average Glucose) on The Same Screen
- Reactive Principle Latex Immunoagglutination, Immunoturbidimetric Photometry
- Measurement Range 4 - 14% HbA1c
- Operation Environment .. 18°C - 35°C
- Sample Volume (μL) ≥0.5 μL Whole Blood Sample
- Reaction Time 4 min 50 secs



Microalbumin

- Self-contained cartridge
- Reactive Principle Immunoturbidimetric Photometry
- Measurement Range 0.5 - 30mg/dL
- Operation Environment 18°C - 35°C
- Sample Volume (μL) ≥25 μL Urine Sample
- Reaction Time 3 min 55 secs



Creatinine

- Self-contained cartridge
- Reactive Principle Benedict/Behre Chemistry
- Measurement Range 15 - 500mg/dL
- Operation Environment 18°C - 35°C
- Sample Volume (μL) ≥25 μL Urine Sample
- Reaction Time 3 min 30 secs



Albumin/Creatinine Ratio(ACR)

- Self-contained cartridge
- Reactive Principle Immunoturbidimetric Photometry, Benedict/Behre Chemistry
- Measurement Range 1 - 2000mg/g
- Operation Environment .. 18°C - 35°C
- Sample Volume (μL) ≥25 μL Urine Sample
- Reaction Time 6 min 03 secs





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