PAP-8E Platelet Aggregation Profiler

The Gold Standard for Reliable Results and Ease of Use.

Ristocetin CoFactor Activity
Routine Aggregation Testing
Anti-Platelet Drug Assessment

A COMPLETE TEST SYSTEM
8 Test Channel Aggregometer
Electronic Pipette
Computer with Monitor
Software
Printer

Space-Saving Footprint
Width: 14"
Depth: 21.7"

Trusted Accuracy, Best-in-Class Performance, Simple & Fast Operation

The PAP-8E from Bio/Data Corporation is the world’s most advanced aggregometer for laboratory applications. Exceptional ease of use and standardized test procedures allow for rapid and routine testing of platelet function. The PAP-8E is designed to support diagnoses of hemostasis disorders including von Willebrand Disease (vWD), Glanzmann’s disease, HIT, Bernard Soulier Syndrome, and Sticky Platelet Syndrome as well as to precisely monitor the use of anti-platelet drugs during clinical trials or patient therapy. (Aspirin, ReoPro®, Aggrenox®, Asasantin®, Pletal®, Plavix®, Persantine®, Integrelin®, Effient®, Ticlid)

The Platelet Aggregation Profiler, PAP-8E, is intended for use in clinical, research, university, biotechnology and pharmaceutical laboratories. The system measures the rate and extent of aggregation, agglutination, activation and inhibition reactions. Comprehensive results include area under the curve and area under the slope.

- Walk-Away Operation
- User-defined Test Templates and Protocols
- Minimal Patient Sample (225µL) Required
- Touch Screen Operation
- On Screen Directions and Procedures
PRODUCT APPLICATIONS

Clinical Laboratory
Perform Routine Aggregation Testing; Measure Ristocetin CoFactor Activity; Confirm Diagnosis of Heparin Induced Thrombocytopenia (HIT); Evaluate and Monitor Patients with Platelet Function Abnormalities; Manage Anti-Platelet Therapy; Pre- and Post-Operative Support of Left Ventriole Assist Device (LVAD) Patients.

Pharmaceutical Laboratory
Study Anti-Platelet Compounds; Examine Anti-Inflammatory or other Compounds; Leukocyte Aggregation and Platelet-Leukocyte Interactions; Micro-volume Capacity for Discovery, Pre-Clinical or Small Animal Model Studies.

Contract Research Organization (CROs)
Baseline and Monitor Platelet Function in Preliminary, as well as Blinded and Non-Blinded Phase I, Phase II and Phase III Study Protocols.

Research Laboratory
Evaluate Platelet-Vascular Interactions; Study Biocompatibility Effects on Platelet Function; Examine Anti-Platelet and Lytic Agent Effects in Thrombotic Models or Events.

Veterinary Laboratory
Measure Ristocetin CoFactor Activity in Canine and Porcine Species; Diagnose Platelet Function Abnormalities in Animals; Measure Platelet Function in Animal Models.

A LEADER IN CLINICAL STUDIES
Because of their accuracy and reliable results Platelet Aggregation Profiles from Bio/Data Corporation have been selected for use in many significant studies including:

- Anti-Platelet Trialists Collaborative
- ARICA
- CAPTURE
- COMPARE
- EPIC
- EPISSENT
- GUSTO IV (aka SPEED)
- GUSTO V

STANDARD COMPONENTS
- Computer & Touch Screen Monitor
- Pre-installed PAP-8E Software
- Printer (USA & Canada Only)
- Programmable Pipettor & Charging Stand
- Prism® Software
- Reagent Well Adapter Set
- 2 Year Warranty

OPTIONAL COMPONENTS
- Barcode Scanner
- Extended Warranty

Product Specification:
Eight channel platelet aggregometer with four test modes:
- Routine Platelet Aggregation
- Ristocetin CoFactor Assay
- Special Platelet Aggregation
- Direct Test, no data input required

Test Wells: eight (stirred)
Activation Wells: eight (not stirred)
Incubation Wells: eight (stirred)

Temperature Control:
- Test and Incubation Blocks heated to 37° ± 0.5°C
- Temperature is user adjustable

Digital Stir Speed Control:
0-1200 RPM
- Preset for standard tests (adjustable)
- Stir speed is user selectable for user defined tests

Test Samples: Platelet rich and platelet poor plasma, washed platelets, gel filtered platelets and leukocytes

Test Volume: 250µL
Sample Volume: 225µL
Reagent Volume: 25µL
Sensitivity: 50,000 platelets/mm³

Light Source: LED UV 430nm
Automatic range adjustment

Electrical Specifications:
Voltage selector switch
120/240 VAC, 50/60 Hz, 3A

PC Specifications:
- Computer, Dell OptiPlex™, Hard Drive 80GB minimum, Pentium® Processor, Microsoft Operating Software, 512MB RAM minimum, DVD/CD Read/Write 24x drive, Network: Ethernet, Ports: USB, Monitor, 15” Touch Screen Flat Panel Color LCD, Printer Color, Inkjet (USA & Canada only)
- Panel Color LCD, Printer Color, Inkjet
- USB, Monitor, 15” Touch Screen Flat Panel Color LCD, Printer Color, Inkjet
- Weight: 45 pounds / 21.0 kg
- Height: 22.5 inches / 57.2 cm
- Depth: 21.7 inches / 55.1 cm
- Width: 14.0 inches / 35.6 cm

Software:
- Three or four point standard curves for Ristocetin CoFactor Assay
- Routine Aggregation
- Trace filter, selectable; during and post test for each channel
- User defined test templates (test panels), saved for recall
- Walk-away operation – auto stop timers: countdown and elapsed time for each channel with audible alarm
- Data exporting direct to Prism® or Excel
- Screen captures to Windows clipboard
- Two level login security
- Data analysis: user selectable points and functions: primary and secondary slope, area under the curve, area under the slope, lag phase, shape change, disaggregation, max and final aggregation
- Database sorting and archiving
- Pre-loaded test parameters and user defined test protocols
- On screen help and on screen protocol methods manual
- On screen data: user selected points and functions
- Data exporting direct to Prism®
- Data analysis: user selectable points and functions: primary and secondary slope, area under the curve, area under the slope, lag phase, shape change, disaggregation, max and final aggregation
- Database sorting and archiving
- Pre-loaded test parameters and user defined test protocols
- On screen help and on screen protocol methods manual
- On screen data: user selected points and functions
- Data exporting direct to Prism®

Limited Warranty
Two years on PAP-8E parts, labor, and software. All other accessories or peripherals are covered under the manufacturer’s warranty.

Safety Certifications:

NOTE: The specifications for the PAP-8E and accessories are subject to change without notice.

CATALOG NUMBERS:
106075 (U.S.A.)
106077 (EXPORT)

Contact Bio/Data Corporation today to schedule a product demonstration or to discuss the advantages of the PAP-8E.