

The PAP-8E System Software

The PAP-8E Platelet Aggregometer System Software is designed to support laboratories by generating and displaying comprehensive platelet function information. This data provides the basis for laboratory reports on the detection, diagnosis, and management of inherited and acquired platelet dysfunctions, as well as the assessment of anti-platelet agents. The System Software measures the rate and extent of activation, aggregation, agglutination and inhibition reactions.



TESTING CAPABILITIES

- **Eight Test Channels**

Displays Results from Eight Individual Patient Samples, Eight Separate Agonists, Eight Agonist Concentrations, or Any Combination at the Same Time.

- **Nine Reported Results**

Generates Nine Test Results per Channel: Primary Aggregation, Primary Slope, Secondary Aggregation, Secondary Slope, Area Under The Curve, Lag Phase, Dis-Aggregation, Maximum Aggregation, and Final Aggregation.

- **User-Defined Test Templates & Protocols**

Create, Define, and Store Non-Standard Test Procedures including TRAP-6, U46619, Dilution Curve Profiles, and Platelet Activation. Ability to Control the Following Parameters:

TEMPERATURE SETTINGS

Choose Incubation Block Temperatures from 32° - 45° C.

TIMERS & ALARMS

Set Incubation, Injection, and Test Times for Each Channel.

STIR SPEED

Adjust Test Well Stir Speeds and Reagent Warming Incubation Well Stir Speeds From 50 - 1200 RPMs.

TEST DURATION

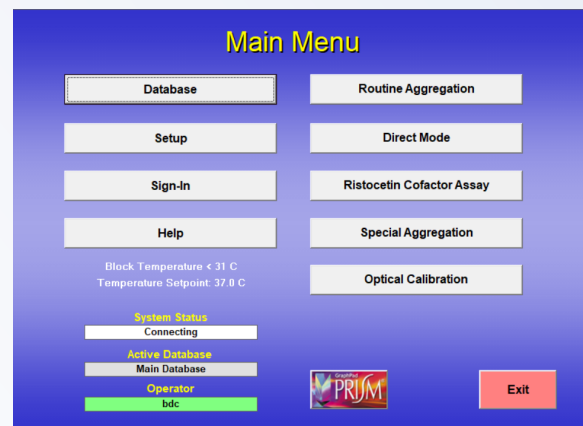
Select Up to 8 Hours for Each Test Type.

- **Compromised Sample Recognition**

Ability to Confirm and Document Compromised Samples.

- **Trace Filter Selection**

Turn Curve Smoothing Feature On or Off for Each Test Well In Set-Up or During Any Test.



- **Pre-Loaded Test Templates & Protocols**

Automatically Loads Chosen Test Type for:

ROUTINE TESTING

Multiple Tests, ADP, Arachidonic Acid, Collagen, Epinephrine, Heparin Induced Platelet Aggregation (HIPA), Ristocetin Induced Platelet Aggregation (RIPA), Thrombin Induced Platelet Aggregation (TIPA) for Platelet Rich Plasma (PRP) or Washed Platelets, Spontaneous Aggregation, Direct Mode and LTA Check.

SPECIAL AGGREGATION TESTING

Heparin Induced Thrombocytopenia (HIT), Dose Response Curves, and Sticky Platelets.

RISTOCETIN COFACTOR ACTIVITY ASSAY

Select Three or Four Point Standard Curves. Linearity Check Provided Prior to Accepting Test Results.

DIRECT MODE

Allows the User Rapid Access to the Analyzer Functions, Bypassing Data Entry Screens and Goes Directly to the Status Screen.

Comprehensive Software with ADVANCED Features and SIMPLE Operation

Operator Directed Software for Platelet Aggregation

DATA ANALYSIS MANAGEMENT

- Data Analysis**

Enables User to Analyze Any Portion of the Aggregation Curve (Current, Stored, or Archived Data) without Affecting the Original Data.

USER SELECTED DATA POINT ANALYSIS

Any Reported Result: Primary Slope, Secondary Slope, Area Under The Curve, Lag Phase, Dis-Aggregation, Shape Change and Area Under the Slope.

- Database**

Generate Patient Specific Cumulative Reports; Sort Data by Individual Fields; and Archive Multiple Databases.

- Control Feature**

Allows the User to Select Results from a Known Normal Donor to Include with Each Patient's Results for Interpretation.

- Data Exporting**

Select Test Data for Direct Export into Microsoft® Excel or Other Statistical Programs, such as Prism®.

- Data Recall Feature**

Access Any Test Result or Report at Any Time.

- Clip Feature**

Copy Test Results and Insert Into Any Microsoft Office Program. Results Can Be Easily Emailed.

OPERATOR SUPPORT

- On-Screen Help**

On-Screen Access to Operation and Methods Manuals.

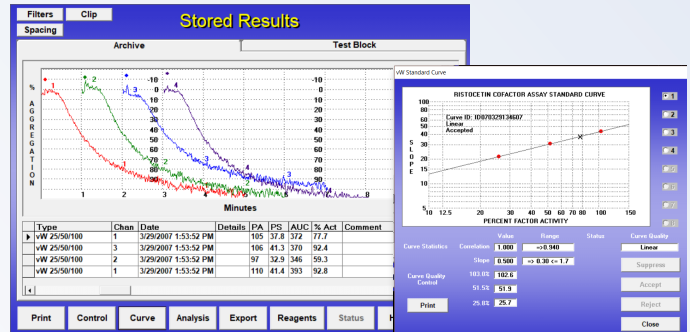
- On-Demand Optical Calibration Check**

Available to Check Instrument Performance and Document Regulatory Compliance.

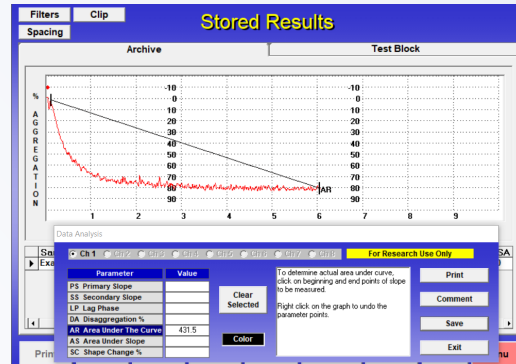
- Event Log**

Documents System Performance and Instrument Status.

Ristocetin CoFactor Assay for Standard 3 Point Curve



Data Analysis of Area Under The Curve



DATA PROTECTION & SECURITY

- Enhanced Password Protection**

Operator Specific Passwords, Log-In, Time-Outs, Automatic Password Expiration, and Log-In Failure Lock Out, Administrative Level Management Access for Additional Protection.

- Secured Database**

Accepted Patient Records are Displayed Directly from the Secure CLIA Compliant Database. Comments Can Be Added. All Test Results are Permanently Recorded in a Secured Database.

- Convenient Database Archiving, Backup, & Recovery**

Archive, Backup or Restore Databases Using a DVD, CD, USB Flash Drive or Other Storage Device.

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