BIO/DATA CORPORATION

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SUPPLEMENTAL TECHNICAL BULLETIN
ST – 2008 – 01

Title: PAP-8E Optical Detector Evaluation for Calibration Verification

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* Semi- Annual Calibration Verification to evaluate the performance of each channel on the PAP-8E

Sample Materials Required:

To evaluate the function of the optical detection system for each channel using PPP:

Normal Platelet Poor Plasma (PPP)
Normal platelet poor plasma is a plasma from a fasting healthy donor, that appears clear with a light straw color, no visible, lipemic or icteric colorations and no hemolysis.

The sample tube MUST be clean and free of finger prints.
Wipe the exterior surface with alcohol and dry with a lint free wipe before using.

Calibration Check

1. Start the PAP-8E software and log in as "BDC" with the password "BDC"
2. Select Standard Aggregation and prepare to run 8 tests (any test type is OK to use)
3. Place the PPP sample into the incubation well (pre-warm to 37°C)
4. Place the pre-warmed PPP sample into each test well and select "Blank"
5. Record the DAC and Volt values displayed on the Live Results screen.
5. Repeat for each channel
6. Evaluation of results:
   a. the DAC values should be within the range of 1600 – 3200
   b. each channel should be within ± 10% of the average
   c. the voltages should be 7.0 volts ± 0.25 volt
7. If any channel exhibits values out of the above range, that channel requires service

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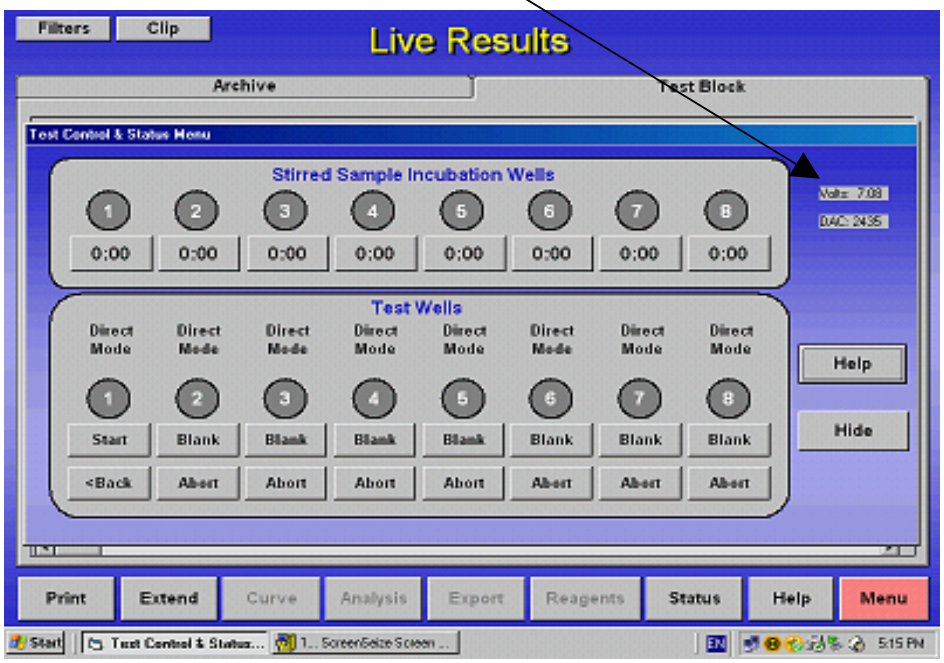
Volts and DAC Display when in the “BDC” Log On



DATA INFORMATION SHEET

Semi-Annual Calibration Verification - Year: _____

Record results on this form

[ ] DAC Values

[ ] Volt Values

Date: Initials:

Calibration Check - every 6 months								
	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8
DAC								
Volts								

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Calibration Check – every 6 months								
	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8
DAC								
Volts								

Comments: