#### Performing the eTest on the TEG 5000 Hemostasis System

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| Background | This procedure describes how to perform an eTest on the TEG 5000 System |

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| Guidelines | * The eTest ensures proper electronic functioning of the each channel on the TEG analyzer * The eTest must be performed prior to running samples * The eTest is performed: * Daily on the dayshift as part of the daily maintenance * When analyzer is turned off * When QC sample results are not within specified limits * Contact TEG technical support if eTest fails despite adjustments to the eTest baseline |

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| Procedure | |  |  | | --- | --- | | Step | Action | | 1 | Log into the TEG Analytical Software ( TAS) | | 2 | From the TAS Main Screen menu, select Options then Maintenance | | 3 | Select a row for a connected channel and click the eTest button | | 4 | On the TEG analyzer, move the levers to the Test position on each channel | | 5 | Check the Min and Max fields to make sure the values that display fall between the acceptable range of 1800 and 2300. The ideal reading is between 1950 and 2050 | |

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Performing the eTest on the TEG 5000 Hemostasis System, Continued

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| Procedure, Cont | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Step | Action | | | | | 6 | Check that the message field for each channel reads eTest value is OK | | | | |  |  | | | | |  | **If** | **Then** |  | | Message is eTest value is OK | Proceed to step 7 | | Message is channel not at equilibrium | * Stabilize the analyzer ensuring there is no vibration occurring * Wait until skewer settles and Diff on TAS maintenance screen is <10 * Proceed to step 7 | | Message is eTest value off center | * Adjust the eTest value (refer to Procedure B adjusting the eTest baseline) | |  | | | | | 7 | Click Done | | | | | 8 | On the analyzer, move the levers to Load | | | | | 9 | Click OK to close the reminder message and to return to the TAS Main Screen | | | | |

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| Procedure B | Adjusting the eTest Baseline   |  |  | | --- | --- | | Step | Action | | 1 | Ensure that the daily maintenance tab is displayed on the TEG analytical software and that the eTest has been performed on the channel | | 2 | Without moving the analyzer, locate the potentiometer adjustment screw labeled BASE on the back of the analyzer that corresponds to the channel you are adjusting  NOTE : Do Not adjust potentiometer screw labeled CAL | |

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**Performing the eTest on the TEG 5000 Hemostasis System,** Continued

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| Procedure B, Cont | |  |  | | --- | --- | | Step | Action | | 3 | Use the trimmer adjustment tool to turn the BASE screw in one of the following directions:   * In the direction of the arrow to increase the eTest reading * In the opposite direction of the arrow to decrease the reading   NOTE: Wait 15 sec to allow the readings to stabilize after each adjustment | | 4 | Adjust the BASE screw to bring the eTest Min value between 1800 and 2300 | | 5 | Repeat steps 1-4 for each channel that is being adjusted | |

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| Related Documents | * Performing daily maintenance on the TEG 5000 |

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| References | * TEG 5000 System User Manual |

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