#### 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 |

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| 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 |

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| Step | Action |
| 6 | Check that the message field for each channel reads eTest value is OK |
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|  | **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
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| Message is eTest value off center | * Adjust the eTest value (refer to Procedure B adjusting the eTest baseline)
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| 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

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| 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 adjustingNOTE : 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 |

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| 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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