



# University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS

## Test Update COAGULATION REFERENCE RANGE UPDATES 12/5/2011

Effective December 5, 2011, University of Colorado Hospital Clinical Laboratory will revise the reference ranges for the following tests to reflect the sensitivity of the test methods:

| <b>TEST</b>                                      | <b>OLD Reference Range</b>                                 | <b>NEW Reference Range</b>  |
|--|--|-----------------------------|
| Prothrombin Time                                 | 12.2 – 15.0 seconds  | 11.8 – 14.7 seconds         |
| Activated Partial Thromboplastin Time (APTT)     | 23.4 – 34.8 seconds  | 24.0 – 32.7 seconds         |
| Therapeutic Range of APTT for Heparin Monitoring | 68.0 – 90.0 seconds  | 72.2 – 93.3 seconds         |
| Antithrombin III                                 | 89.0 – 121.0 seconds                                       | 72.0 – 125.0 seconds        |
| Protein S Total Antigen                          | 50.0 – 140.0 U/dL  | 51.0 – 125.0 U/dL           |
| Protein S Free Antigen                           | 50.0 – 150.0 U/dL  | 44.0 – 183.0 U/dL           |
| Reptilase Time                                   | 14 – 19 seconds  | 16.0 – 22.2 seconds         |
| Alpha 2 Antiplasmin                              | 93.0 – 118.0 U/dL  | 76.0 – 170.0 U/dL           |
| Plasminogen                                      | 62.0 – 114.0 U/dL  | 75.0 – 128.0 U/dL           |
| Thrombin Time                                    | Critical value >55.0 seconds and Alert Value <15.8 seconds | No Alert or Critical Values |

Please call Stuart Lind, MD at 303-724-1383 if you have any questions or visit our website at <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx> for additional information.

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**Clinical Laboratory**  
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