

4/16/21

COAGULATION TESTING UPDATE NORMAL RANGES AND SPECIMEN STABILITY

The laboratory has implemented new instrumentation for coagulation testing. The following changes have been made to the testing specifications for the following coagulation studies: Prothrombin time (PT) and international normalized ratio (INR), activated partial thromboplastin time (PTT), fibrinogen, unfractionated heparin (UFH), and low molecular weight heparin (LMWH).

These changes have been made in EPIC to reflect the new parameters.

TEST	Normal Range	Lower Reportable Range	Upper Reportable Range
PT	9.5 – 11.9 seconds	8.7 seconds	90.0 seconds
INR	*See therapeutic ranges	0.93	8.0
PTT	21.6 – 31.3 seconds	20.0 seconds	139.0 seconds
Fibrinogen	175 – 431 mg/dL	50 mg/dL	860 mg/dL
UFH/LMWH	*See therapeutic ranges	0.10 IU/mL	1.50 IU/mL
D-dimer	<500 ng/mL	190 ng/mL	35,200 ng/mL

SPECIMEN STABILITY UPDATE: PTT TESTING

Specimens for PTT testing must be analyzed within 4 hours if not received frozen. Outpatient collection locations must ensure that samples are centrifuged, and plasma is aliquoted into a separate tube prior to being frozen and transported.

For additional information or questions please contact Spectrum Health Lakeland Laboratory Client Services: Call (269) 983-8311 or 1-800-513-9193

Or visit the Lakeland Laboratory website: <https://www.spectrumhealthlakeland.org/medical-services/laboratory-services> then select laboratory test catalog from the drop down menu.