

### CHANGE IN NORMAL RANGES FOR ROUTINE COAGULATION TESTS AND aPTT HEPARIN THERAPEUTIC RANGE

Effective Date: October 2, 2018

Starting October 2, 2018, Beaumont Laboratory at Farmington Hills (FH), Grosse Pointe (GP), Royal Oak (RO) and Troy campuses will be implementing new coagulation instrumentation and reagents. This transition will result in new, standardized reference ranges for all four campuses. The new ranges are tabulated below.

As a result of our new aPTT platform, the heparin therapeutic range will change as well. **Please note** that for Beaumont GP, RO and Troy, the new therapeutic range for VTE (venous thromboembolism) and non-ACS (acute coronary syndrome) cardiac indications will be substantially higher than the previous range. In addition, these sites will now have a separate therapeutic range for ACS.

Test	Current Reference Ranges	New Reference Ranges, All Four Sites
aPTT	GP, RO, Troy 23-30 seconds Farmington Hills 26-37 seconds	25-37 seconds
aPTT Heparin Therapeutic Range	GP, RO, Troy 52-77 seconds, all indications Farmington Hills ACS: 60-75 seconds All other indications: 55-85 seconds	VTE and non-ACS cardiac indications: 65-95 seconds ACS: 50-75 seconds
PT	GP, RO, Troy 9.3-12.4 seconds Farmington Hills 9.5-12.4 seconds	9.2-13.8 seconds
Fibrinogen	GP, RO, Troy 175-375 mg/dL Farmington Hills 200-450 mg/dL	200-400 mg/dL
Thrombin Time	All sites 16-20 seconds	16-25 seconds
Quantitative D-dimer Venous thromboembolism exclusion (VTE)	GP, RO, Troy <500 ng/mL FEU Farmington Hills <230 D-DU ng/ml	<500 ng/mL FEU
Quantitative D-dimer Reference range and evaluation of non-VTE conditions (e.g. DIC)	GP, RO, Troy <500 ng/mL FEU normal 500-580 equivocal Farmington Hills <317 D-DU ng/ml	<600 ng/mL FEU

If you have questions, please contact Client Services (1-800-551-0488, option 5).

Laboratory Test Directory: <http://beaumontlaboratory.com/test-lab-directory>.

Date submitted: September 11, 2018  
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