

### CHANGE IN REFERENCE RANGES FOR SPECIAL COAGULATION TESTS

Effective Date: December 4, 2018

Starting December 4, 2018, Beaumont Laboratory will be implementing new coagulation instrumentation and reagents for special coagulation tests. This transition will result in new, standardized reference ranges for multiple tests. In addition, Ristocetin Cofactor will be replaced by a similar test, and von Willebrand's Factor Activity and Alpha-2 Antiplasmin will be added as an in-house assay. The new ranges are tabulated below.

Test	Current Reference Ranges	New Reference Ranges, Farmington Hills, Grosse Pointe, Royal Oak and Troy
ATIII	80-120%	85-150%
Factor II Activity	70-130%	75-135%
Factor V Activity	60-120%	60-145%
Factor VII Activity	70-140%	50-150%
Factor VIII Activity	45-150%	50-175%
Factor IX Activity	60-120%	70-150%
Factor X Activity	70-140%	70-150%
Factor XI Activity	70-140%	65-150%
Factor XII Activity	60-150%	60-180%
DRVVT Screen	≤52 seconds	<42 seconds
DRVVT Normalized Ratio	<1.22	<1.21
VWF Antigen	60-150%	50-175%
VWF Activity	50-150%	50-175%
Protein C Activity	70-140%	70-185%
Protein S Activity	Females 57-125% Males 77-143%	Females 60-160% Males 50-160%
Activated Protein C Resistance	≥2.1	≥2.3
Plasminogen	83-150%	70-145%
Alpha-2 Antiplasmin	Send out test	90-140%

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:** November 16, 2018  
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