

Coagulation Testing Update

Effective April 16, 2025 SPECIAL COAGULATION TESTING UPDATES

Effective April 16, 2025, Wisconsin Diagnostic Laboratories (WDL) will transition Special Coagulation testing to new instrumentation and because of this, several reference ranges will change. Please see the table below for testing and reference ranges affected by this transition.

Test & Test Number	Current Reference Range	New Reference Range	Status
Factor II Activity (LAB10257)	93 - 151 %	93 – 151 %	Unchanged
Factor V Activity (LAB10258)	70 - 165 %	70 – 165 %	Unchanged
Factor VII Activity (LAB3013)	80 – 181 %	51 - 186 %	NEW
Factor VIII Activity (LAB3013)	64 – 189 %	64 – 189 %	Unchanged
Factor IX Activity (LAB3014)	50 – 200 %	50 – 200 %	Unchanged
Factor X Activity (LAB10261)	78 - 159 %	76 - 183 %	NEW
Factor XI Activity (LAB10263)	83 - 158 %	83 – 158 %	Unchanged
Factor XII Activity (LAB10264)	53 - 165 %	53 – 165 %	Unchanged
Antithrombin Activity (LAB3012)	75 – 125 %	75 – 125 %	Unchanged
Thrombin Time (LAB3011)	0 – 24 Seconds	0 – 21 Seconds	NEW
Protein C Functional Activity (LAB10523)	83 - 153 %	73 - 180 %	NEW
Free Protein S Antigen (LAB10526)	74 – 147 % (males) 65 - 139 % (females)	74 – 147 % (males) 65 – 139 % (females)	Unchanged
*von Willebrand Activity (LAB3066)	51 – 215 %	47 – 198 %	NEW
*von Willebrand Antigen (LAB10761)	42 – 176 %	53 – 245 %	NEW
*von Willebrand Panel (Ratio) (LAB10760)	≥ 0.6	≥ 0.7	NEW
Lupus anticoagulant (LAB3022)	Algorithm based	Algorithm based	NEW
PTT (LA) Screen (Lupus)	0 - 46 s	0 - 40 s	NEW
DRVVT Screen (Lupus)	0 – 44 s	32.8 – 51.7 s	NEW
DRVVT Confirm (Lupus)	N/A	35.7 – 43.6 s	NEW

DRVVT Screen / DRVVT Confirm Ratio (Lupus)	0 – 1.3	0 – 1.3	NEW
*Hex Phos Confirmation (Lupus)	0 – 11	0 - 9	NEW

In addition, WDL Coagulation is transitioning to the following new assays/methodologies:

- *Von Willebrand Activity:
 - From ristocetin based method to GPIbM based method.
- *Von Willebrand Antigen:
 - Moving to FDA approved assay of the same immunoturbidimetric method.
- *Lupus Confirmation – Hexagonal Phospholipid Neutralization:
 - From Stago STACLOT assay to Precision BioLogic Hex LA assay.

Finally, WDL will no longer perform in-house testing for Factor 13 Activity and will instead send those out to ARUP.

For Questions or Additional Information, Please Contact:

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