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Des Moines Laboratory Update

Date: August 15th, 2024

COAG:

Effective Thursday August 22nd, MercyOne Des Moines Laboratory will be transitioning from Stago to the ACL Top Family of analyzers for all coagulation/fibrinolysis testing. We are pleased to announce that there will be no difference in ordering convention and how coagulation testing is processed or requested. There are, however, a number of changes (below and attached) to include required volumes, specimen stability, normal ranges and assay linearity.

To note, as general collection change, we will no longer accept specimens below the 90% fill volume or above 110% fill volumes. Please see the attached for an outline of testing parameter updates.

Please contact Jen Lehman with any questions at 515-247-4484

Thank you for choosing MercyOne Des Moines Laboratory.

Werfen Menu	Units	Specimen	Primary Container	Storage	Analytical Measuring Range	Extended Range	Dilutions avail	Reference Range
Heparin Anti-Xa UHF	IU/mL	Plasma	Blue (sodium citrate)	Plasma: Room temp 4 hours Refrigerated 4 hours Frozen ≤ -20°C 1 week Whole Blood: tubes left capped/unspun are stable for 1 hour at room temperature	0.04-2.0	NA	NA	<0.04
Heparin Anti-Xa LWW	IU/mL	Plasma	Blue (sodium citrate)	Plasma: Room temp 4 hours Refrigerated 4 hours Frozen ≤ -20°C 1 week Whole Blood: tubes left capped/unspun are stable for 1 hour at room temperature	0.04-2.0	NA	NA	<0.04
aPTT	Sec	Plasma	Blue (sodium citrate)	Plasma: Room temp 6 hours Refrigerated 6 hours Frozen ≤ -20°C 3 months Whole Blood: tubes left capped/unspun are stable for 6 hours at room temperature	16-120 seconds	16-400 seconds	n/a	25.1-365.5 seconds
PT	Sec	Plasma	Blue (sodium citrate)	Refrigerated 24 hours Frozen ≤ -20°C 3 months Whole Blood: tubes left capped/unspun are stable for 24 hours at room temperature	8 - 100 sec	8-320	n/a	10.2-12.9
DDimer	FEU	Plasma	Blue (sodium citrate)	Plasma: Room temp 24 hours Refrigerated 24 hours Frozen ≤ -20°C 24 months Whole Blood: tubes left capped/unspun are stable for 24 hours at room temperature	.215-7.65 ug/mL FEU	.215-128 ug/mL FEU	Automatic dilution brings total valid range to .215-128 ug/mL FEU	< or = 500 ug/mL FEU
Fibrinogen	mg/dL	Plasma	Blue (sodium citrate)	Refrigerated 24 hours Frozen ≤ -20°C 4 months Whole Blood: tubes left capped/unspun are stable for 24 hours at room temperature	QFA: 150-1000 mg/dL QFA Low: 35-180 mg/dL	n/a		200-450
Thrombin	Seconds	Plasma	Blue (sodium citrate)	Plasma: Room temp 24 hours Refrigerated 24 hours Frozen ≤ -20°C 10 months Whole Blood: tubes left capped/unspun are stable for 24 hours at room temperature	5-80 sec	5-300 sec	No	11.0-17.8

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