MAYO CLINIC LABORATORIES

TEST CHANGE

Notification Date: September 5, 2023
Effective Date: October, 5, 2023

D-Lactate, Plasma

Test ID: DLAC

Explanation: On the effective date, the following test changes will be made to the D-Lactate, Plasma (DLAC) assay.

Current Method
Enzymatic

New Method
Gas Chromatography-Mass Spectrometry (GCMS) Stable Isotope Dilution Analysis

Current Specimen Required
Collection Container/Tube: Sodium Fluoride/Potassium Oxalate Tube, 2mL (T275) **Submission Container/Tube:** Plastic vial **Collection Instructions:** Centrifuge, aliquot plasma into plastic vial, and freeze immediately.

New Specimen Required
Collection Container/Tube: **Preferred:** Sodium Fluoride/Potassium Oxalate Tube, 2mL (T275) **Acceptable:** Green top (sodium heparin) **Submission Container/Tube:** Plastic vial **Collection Instructions:** Centrifuge, aliquot plasma into plastic vial, and freeze immediately. NOTE: If collecting in sodium heparin tubes, centrifugation must occur within one hour.

Current Requested Volume
Specimen Volume: 1 mL **Specimen Minimum Volume:** 0.55 mL

New Requested Volume
Specimen Volume: 0.50 mL **Specimen Minimum Volume:** 0.15 mL

Current Specimen Stability		
Specimen	**Temperature**	**Time**
Plasma NaFl-KOx	Frozen (preferred)	365 days
	Ambient	7 days
	Refrigerated	7 days

New Specimen Stability		
Specimen	**Temperature**	**Time**
Plasma NaFl-KOx	Frozen (preferred)	91 days
	Ambient	91 days
	Refrigerated	91 days

Current Days Performed
Wednesday, Friday

New Days Performed
Monday, Thursday

Current Report Available
4 to 8 days

New Report Available
3 to 6 days

Questions

Contact Melissa Tricker-Klar Laboratory Resource Coordinator at 800-533-1710.