



Laboratory Services

Important Test Announcement

REFERENCE LAB TESTING UPDATES

Effective January 13, 2026, the reference lab for the following tests will be changing. Refer to the below charts and our Laboratory Test Directory for complete collection information.

ESTRADIOL, ULTRASENSITIVE

Test Code: **XESTRA**

Live Date: **1/13/2026**

	New Test Estradiol, Ultrasensitive XESTRA Quest	Old Test Estradiol, Serum XEEST Mayo
Methodology	Chromatography/Mass Spectrometry	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
Performed	Sunday through Friday	Monday through Saturday
Turnaround Time	6 days	4 days
Specimen Required	Red Tube, no gel	Red Tube, no gel
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate serum, and send refrigerated sample to the reference lab.	Centrifuge within 2 hours, separate serum, and send refrigerated sample to the reference lab.

Storage/Transport/Temperature	Refrigerated	Refrigerated
Unacceptable Conditions	Wrong collection tube, Collected in tube with gel separator, Grossly icteric	Wrong collection tube, Collected in tube with gel separator
Stability	Whole Blood: Room temperature 2 hours Serum: Room temperature 24 hours Serum: Refrigerated 7 days Serum: Frozen 28 days	Whole Blood: Room temperature 2 hours Serum: Room temperature 28 days Serum: Refrigerated 28 days Serum: Frozen 28 days

PLASMA RENIN ACTIVITY

Test Code: **XRENI**

Live Date: **1/13/2026**

	New Test Plasma Renin Activity XRENI Quest	Old Test Renin Activity XRENA Mayo
Methodology	Chromatography/Mass Spectrometry	Liquid Chromatography- Tandem Mass Spectrometry (LC- MS/MS)
Performed	Daily	Monday through Friday
Turnaround Time	4 days	5 days
Specimen Required	Purple Tube, EDTA	Purple Tube, EDTA
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 30 minutes. Refrigerate specimen during centrifugation and immediately transfer plasma to a plastic vial.	Centrifuge within 30 minutes. Refrigerate specimen during centrifugation and

		immediately transfer plasma to a plastic vial.
Storage/Transport/Temperature	Refrigerated	Frozen
Unacceptable Conditions	Gross hemolysis, Wrong collection tube, Thawed frozen specimen, Gross lipemia	Gross hemolysis, Wrong collection tube, Thawed frozen specimen
Stability	Whole Blood: Room temperature 30 minutes Plasma: Room temperature 24 hours Plasma: Refrigerated 24 hours Plasma: Frozen 28 days	Whole Blood: Room temperature 30 minutes Plasma: Frozen 14 days

25-HYDROXYVITAMIN D (D2,D3)

Test Code: X25HDV

Live Date: 1/13/2026

	New Test 25-Hydroxyvitamin D (D2,D3) X25HDV Quest	Old Test 25 Hydroxyvitamin D2 and D3, Serum X25HDN Mayo
Methodology	Chromatography/Mass Spectrometry	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
Performed	Monday through Saturday	Monday through Friday
Turnaround Time	2 days	1 week
Specimen Required	Red Tube, no gel Gold Tube, SST	Red Tube, no gel Gold Tube, SST

Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate supernatant, and send room temp.	Centrifuge within 2 hours, separate supernatant, and send refrigerated serum.
Storage/Transport/Temperature	Room Temperature	Refrigerated
Unacceptable Conditions	Wrong collection tube, Gross hemolysis, Gross icterus, Gross lipemia	Wrong collection tube
Stability	Whole Blood: Room temperature 2 hours Serum: Room temperature 21 days Serum: Refrigerated 21 days Serum: Frozen 21 days	Whole Blood: Room temperature 2 hours Serum: Room temperature 7 days Serum: Refrigerated 28 days Serum: Frozen 30 days

ALDOSTERONE

Test Code: **XALD**

Live Date: **1/13/2026**

	New Test Aldosterone XALD Quest	Old Test Aldosterone, Serum XALDS Mayo
Methodology	Chromatography/Mass Spectrometry	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
Performed	Monday through Saturday	Monday through Friday
Turnaround Time	5 days	5 days
Specimen Required	Red Tube, no gel	Red Tube, no gel

	Purple Tube, EDTA Green Tube, Lithium Heparin Green Tube, Sodium Heparin	Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate serum or plasma, and send refrigerated to the reference lab.	Centrifuge within 2 hours, separate serum, and send refrigerated to the reference lab.
Storage/Transport/Temperature	Refrigerated	Refrigerated
Unacceptable Conditions	Wrong collection tube, Hemolysis	Wrong collection tube
Stability	Whole Blood: Room temperature 2 hours Serum/Plasma: Room temperature 4 days Serum/Plasma: Refrigerated 7 days Serum/Plasma: Frozen 28 days	Whole Blood: Room temperature 2 hours Serum: Room temperature 4 days Serum: Refrigerated 28 days Serum: Frozen 30 days

CALCITONIN

Test Code: XCALN

Live Date: 1/13/2026

	New Test Calcitonin XCALN Quest	Old Test Calcitonin, Serum XCATNB Mayo
Methodology	Immunoassay (IA)	Electrochemiluminescence immunoassay (ECLIA)

Performed	Monday through Saturday	Monday through Saturday
Turnaround Time	2 days	3 days
Specimen Required	Red Tube, no gel Gold Tube, SST	Red Tube, no gel Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 1 hour, separate supernatant and freeze.	Centrifuge within 1 hour, separate supernatant and freeze.
Storage/Transport/Temperature	Frozen	Frozen
Unacceptable Conditions	Wrong collection tube, Hemolysis	Wrong collection tube, Hemolysis
Stability	Whole Blood: Room temperature 1 hour Serum: Frozen 28 days	Whole Blood: Room temperature 1 hour Serum: Room temperature 8 hours Serum: Refrigerated 24 hours Serum: Frozen 90 days

IODINE

Test Code: **XIODI**

Live Date: **1/13/2026**

	New Test Iodine XIODI Quest	Old Test Iodine, Serum XIOD Mayo
Methodology	Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)	Inductively coupled plasma/ mass spectrometry

Performed	Tuesday through Saturday	Monday, Wednesday, Friday
Turnaround Time	3 days	3 days
Specimen Required	Royal Blue Tube, no anticoagulant Royal Blue Tube, EDTA	Royal Blue Tube, no anticoagulant
Specimen Volume	6 mL	7 mL
Specimen Preparation	Centrifuge within 1 hour, separate supernatant and store at room temperature.	Centrifuge within 1 hour, separate supernatant and refrigerate.
Storage/Transport/Temperature	Room Temperature	Refrigerated
Unacceptable Conditions	Wrong collection tube	Wrong collection tube
Stability	Whole Blood: Room temperature 1 hour Serum/Plasma: Room temperature 10 days Serum/Plasma: Refrigerated 10 days	Whole Blood: Room temperature 1 hour Serum: Room temperature 3 weeks Serum: Refrigerated 3 weeks Serum: Frozen 3 weeks

COMPLEMENT C1q

Test Code: **XCC1Q**

Live Date: **1/13/2026**

	New Test Complement C1q XCC1Q Quest	Old Test Complement C1q, Serum XC1Q Mayo
Methodology	Radial Immunodiffusion (RID)	Nephelometry

Performed	Monday, Wednesday	Monday through Friday
Turnaround Time	10 days	3 days
Specimen Required	Red Tube, no gel Gold Tube, SST Purple Tube, EDTA	Red Tube, no gel Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 1 hour, separate supernatant and refrigerate.	Centrifuge within 4 hours, separate supernatant and refrigerate.
Storage/Transport/Temperature	Refrigerated	Refrigerated
Unacceptable Conditions	Wrong type of specimen, Gross lipemia, Gross hemolysis	Wrong type of specimen, Gross lipemia
Stability	Whole Blood: Room temperature 1 hour Serum/Plasma: Room temperature 4 days Serum/Plasma: Refrigerated 10 days Serum/Plasma: Frozen 29 days	Whole Blood: Room temperature 4 hours Serum: Room temperature 21 days Serum: Refrigerated 28 days Serum: Frozen 28 days

ZINC TRANSPORTER 8 AB

Test Code: XZNT8

Live Date: 1/13/2026

	New Test Zinc Transporter 8 Ab XZNT8 Quest	Old Test Zinc Transporter 8 Antibody XZT8 ARUP
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Methodology	Enzyme Linked Immunosorbent Immunoassay (ELISA)	Semi-Quantitative Enzyme-Linked Immunosorbent Assay
Performed	Wednesday, Saturday	Wednesday
Turnaround Time	7 days	8 days
Specimen Required	Red Tube, no gel Gold Tube, SST	Red Tube, no gel Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate supernatant and store at room temperature.	Centrifuge within 2 hours, separate supernatant and refrigerate.
Storage/Transport/Temperature	Room Temperature	Refrigerated
Unacceptable Conditions	Plasma unacceptable, Gross hemolysis, Lipemia, Icterus	Plasma unacceptable, Gross hemolysis, Gross lipemia
Stability	Whole Blood: Room temperature 2 hours Serum: Room temperature 7 days Serum: Refrigerated 7 days Serum: Frozen 28 days	Whole Blood: Room temperature 2 hours Serum: Room temperature 5 days Serum: Refrigerated 1 week Serum: Frozen 3 months

UNSTABLE HEMOGLOBIN

Test Code: XMIS

Live Date: 1/13/2026

	New Test Unstable Hemoglobin XMIS Quest	Old Test Hemoglobin, Unstable XMIS ARUP
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Methodology	Alcohol Precipitation	Visual inspection
Performed	Daily	Monday through Friday
Turnaround Time	5 days	1 week
Specimen Required	Purple Tube, EDTA	Purple Tube, EDTA
Specimen Volume	6 mL	6 mL
Specimen Preparation	Transport to laboratory as soon as possible. Keep refrigerated.	Transport to laboratory as soon as possible. Keep refrigerated.
Storage/Transport/Temperature	Refrigerated	Refrigerated
Unacceptable Conditions	Wrong temperature, Frozen specimen, Room temperature receipt, Centrifuged specimen	Wrong temperature, Frozen specimen, Room temperature receipt, Specimens collected on infants less than 6 months old, Centrifuged specimen
Stability	Whole Blood: Room temperature 24 hours Whole Blood: Refrigerated 7 days	Whole Blood: Refrigerated 1 week

ALPHA-IDURONIDASE ENZYME ACTIVITY IN LEUKOCYTES

Test Code: XMIS

Live Date: 1/13/2026

	New Test Alpha-Iduronidase Enzyme Activity in Leukocytes XMIS ARUP	Old Test Alpha L Iduronidase, Leukocytes XMIS Mayo
Methodology	Quantitative Fluorometry	Flow Injection Analysis-Tandem Mass

		Spectrometry (FIA-MS/MS)
Performed	Monday	Varied
Turnaround Time	10 days	12 days
Specimen Required	Yellow Tube, ACD-B Purple Tube, EDTA	Yellow Tube, ACD-B Yellow Tube, ACD-A Purple Tube, EDTA
Specimen Volume	6 mL	6 mL
Specimen Preparation	Do not centrifuge. Do not freeze. Transport to laboratory as soon as possible.	Do not centrifuge. Do not freeze. Transport to laboratory as soon as possible.
Storage/Transport/Temperature	Room Temperature	Refrigerated
Unacceptable Conditions	Wrong collection tube, Frozen specimen, Centrifuged specimen, Gross hemolysis, Heparinized specimen	Wrong collection tube, Clotted specimen, Frozen specimen, Centrifuged specimen, Gross hemolysis
Stability	Whole Blood: Room temperature 3 days Whole Blood: Refrigerated 3 days	Whole Blood: Room temperature 6 days Whole Blood: Refrigerated 6 days

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MUSCLE-SPECIFIC KINASE (MuSK) ANTIBODY, IgG BY CBA-IFA WITH REFLEX TO TITER, SERUM

Test Code: **XMIS**

Live Date: **1/13/2026**

	New Test Muscle-Specific	Old Test Muscle Specific Kinase
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	Kinase (MuSK) Antibody, IgG by CBA- IFA with Reflex to Titer, Serum XMIS ARUP	(MuSK) Autoantibody, Serum XMIS Mayo
Methodology	Semi-Quantitative Cell-Based Indirect Fluorescent Antibody)	Radioimmunoassay
Performed	Monday, Wednesday, Friday	Monday through Friday
Turnaround Time	6 days	11 days
Specimen Required	Red Tube, no gel Gold Tube, SST	Red Tube, no gel Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate supernatant and refrigerate.	Centrifuge within 2 hours, separate supernatant and refrigerate.
Storage/Transport/Temperature	Refrigerated	Refrigerated
Unacceptable Conditions	Wrong collection tube, Gross hemolysis, Gross lipemia, Gross icterus	Wrong collection tube, Gross hemolysis, Gross lipemia, Gross icterus
Stability	Whole Blood: Room temperature 2 hours Serum: Room temperature 2 days Serum: Refrigerated 2 weeks Serum: Frozen 1 month	Whole Blood: Room temperature 2 hours Serum: Room temperature 3 days Serum: Refrigerated 28 days Serum: Frozen 28 days

BETA-2 MICROGLBOULIN

	New Test Beta-2 Microglobulin XB2MG ARUP	Old Test Beta 2 Microglobulin, Serum XB2M Mayo
Methodology	Quantitative Immunoturbidimetry	Nephelometry
Performed	Daily	Monday through Friday
Turnaround Time	2 days	3 days
Specimen Required	Red Tube, no gel Gold Tube, SST Green Tube, Lithium Heparin Purple Tube, EDTA	Red Tube, no gel Gold Tube, SST
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, separate supernatant and freeze.	Centrifuge within 4 hours, separate supernatant and refrigerate.
Storage/Transport/Temperature	Frozen	Refrigerated
Unacceptable Conditions	Wrong collection tube	Wrong collection tube
Stability	Whole Blood: Room temperature 2 hours Serum/Plasma: Room temperature 72 hours Serum/Plasma: Refrigerated 72 hours Serum/Plasma: Frozen 6 months	Whole Blood: Room temperature 4 hours Serum: Room temperature 2 weeks Serum: Refrigerated 28 days Serum: Frozen 28 days

METANEPHRINES FRACTIONATED, URINE

Test Code: **XMTAF**

Live Date: **1/13/2026**

	New Test Metanephrides Fractionated, Urine XMTAF ARUP	Old Tests Mayo	
		Metanephrides, Fractionated, 24 Hour, Urine XMETAF	Metanephrides, Fract. Urine XMETRN
Methodology	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)	Enzymatic Colorimetric Assay, Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
Performed	Daily	Monday through Friday	Monday through Friday
Turnaround Time	5 days	5 days	3 days
Specimen Required	Urine, 24 hours Urine, Random	Urine, 24 hours	Urine, Random
Specimen Volume	10 mL	10 mL	10 mL
Specimen Preparation	Urine, 24 hours: Refrigerate during collection. Transport to laboratory as soon as possible. Urine, Random: Transport to laboratory as soon as possible.	Refrigerate during collection. Transport to laboratory as soon as possible.	Transport to laboratory as soon as possible.
Storage/Transport/Temperature	Refrigerated	Refrigerated	Refrigerated

Unacceptable Conditions	Specimens preserved with boric acid or acetic acid	Wrong type of specimen	Wrong type of specimen
Stability	Urine, 24 hours: Refrigerated 2 weeks (unpreserved) Urine, 24 hours: Frozen 1 month (unpreserved) Urine, 24 hours: Refrigerated 1 month (preserved) Urine, Random: Refrigerated 2 weeks (unpreserved) Urine, Random: Frozen 1 month (unpreserved) Urine, Random: Refrigerated 1 month (persevered)	Urine, 24 hours: Room temperature 28 days Urine, 24 hours: Refrigerated 28 days Urine, 24 hours: Frozen 28 days	Urine, Random: Room temperature 14 days Urine, Random: Refrigerated 28 days Urine, Random: Frozen 28 days

If you have any additional questions about testing, please call Client Services at 614-722-5477.