



Laboratory Services Important Test Announcement

UPDATES TO GLUCAGON TESTING

Test Code: **XGLUC**

Test Code: **10/20/2025**

Effective October 20, 2025, the method for Glucagon (**XGLUC**) testing will be changed. Specimen collection requirements and reference ranges will also be impacted by this change. Refer to the below chart and our Laboratory Test Directory for complete collection information. There is no change to ordering related to this update.

Please note that for patients undergoing serial monitoring, values between the current method and the new method cannot be used interchangeably. Results obtained using the new method will be approximately 35% lower.

	Current Assay	Updated Assay (Effective October 20, 2025)
Reference Range	$\leq$ 208 ng/L	$\leq$ 150 pg/mL
Methodology	Quantitative Radioimmunoassay	Enzyme-linked immunosorbent assay (ELISA)
Performed	Tuesday	Tuesday
Turnaround Time	11 days	11 days
Specimen Required	Protease Inhibitor tube	Purple Tube, EDTA
Specimen Volume	2 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	Gross hemolysis, Wrong type of specimen	Hemolyzed specimen, lipemic specimen, Icteric specimen, Clotted specimen
Stability	Whole Blood: Room Temperature 1 hour Plasma: Refrigerated 48 hour(s) Plasma: Frozen 3 month(s)	Whole Blood: Room Temperature 1 hour Plasma: Room Temperature 4 hours Plasma: Refrigerated 3 days Plasma: Frozen 1 month

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If you have any additional questions about **XGLUC**, please call Client Services at 614-722-477.