



Laboratory Services

Important Test Announcement

VITAMIN B5 (PANTOTHENIC ACID), SERUM/PLASMA

New Test Code: XMIS

Live Date: 3/16/2026

Effective March 16, 2026, the reference lab for Vitamin B5, Serum testing will be changing and the test code **XVITB5** will be deactivated. The new test Vitamin B5 (Pantothenic acid), Serum/Plasma (**XMIS**) will be the replacement test. Sample collection requirements will change. Refer to the chart below and our Laboratory Test Directory for complete collection information.

	New Test Vitamin B5 (Pantothenic acid), Serum/Plasma XMIS NMS Lab	Old Test Vitamin B5, Serum XVITB5 ARUP
Methodology	High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	Quantitative Cell Based Assay
Performed	As needed	As needed
Turnaround Time	5 days	10 days
Specimen Required	Red Tube, no gel Purple Tube, EDTA	Red Tube, no gel Gold Tube, with gel
Specimen Volume	3 mL	3 mL
Specimen Preparation	Centrifuge within 2 hours, remove serum/plasma and refrigerate	Protect specimen from light. Centrifuge within 2 hours, remove serum/plasma and

		transfer to ARUP Amber transport tube and freeze
Storage/Transport/Temperature	Refrigerated	Frozen
Unacceptable Conditions	Collected in tube with gel separator	Not protected from light, Thawed frozen specimen, Lipemic specimen, Gross hemolysis
Stability	<p>Whole Blood: Room temperature 2 hours</p> <p>Serum/Plasma: Room temperature 2 days</p> <p>Serum/Plasma: Refrigerated 14 days</p> <p>Serum/Plasma: Frozen 30 days</p>	<p>Whole Blood: Room temperature 2 hours</p> <p>Serum: Room temperature 24 hours</p> <p>Serum: Refrigerated 1 week</p> <p>Serum: Frozen 3 weeks</p>

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