

VITAMIN K1
13380

QUICK REFERENCE

LabCorp has announced multiple changes to the Vitamin K1 assay (13380/LAB13380) which will go into effect on April 12, 2021.

DETAILS

	Current	NEW
Methodology	High-pressure liquid chromatography (HPLC) with electrochemical (EC) detection	Liquid chromatography/tandem mass spectrometry (LC/MS-MS)
Reference range	0 - 1 yr: 0.13–3.37 ng/mL 2 - 17 yrs: 0.13–1.39 ng/mL >17 yrs: 0.13–1.88 ng/mL	0.10 – 2.20 ng/mL
Collection container	Red serum vial/tube, 5 mL	Lavender (EDTA), 4mL
Volume	1.5 mL	1.0 mL
Minimum volume	1.0 mL	0.5mL
Processing	1. Immediately (within 45 minutes of sample collection) separate the plasma from red cells using refrigerated centrifugation or pre-chilled centrifuge carrier tubes before centrifuging. 2. Transfer the plasma to a labeled LabCorp Amber 4mL screw-cap polypropylene frozen transport tube to protect from light and freeze on dry ice. 3. To avoid delays in turnaround time when requesting multiple tests on frozen samples, submit a separate frozen aliquot for each test requested.	Spin, separate, protect from light.
Alt collection container	Lavender (EDTA), 4mL	Lt green plasma separator (PST), Gold serum separator (SST) tube or Red serum vial/tube, 5 mL.
Transport/stability	Frozen (strict) - 3 months <i>Protect from light</i>	Refrigerated (<i>preferred</i>) – 14 days Ambient – 7 days Frozen – 14 days <i>Freeze/thaw cycles: stable x 3</i> <i>Protect from light</i>
Patient preparation		Patient should fast for 12 hours
Causes for rejection	<ul style="list-style-type: none"> • Specimen not protected from light • Specimen not received frozen • Use of anticoagulants other than EDTA 	<ul style="list-style-type: none"> • Mild or gross lipemia • Gross hemolysis • Specimen not protected from light

QUESTIONS: Contact your Allina Health Laboratory account representative, or our Client Services department