

Vitamin B3 Niacin in Plasma

Test ID: FNIAC

Explanation:

Effective April 25, 2022, test ID FNIAC, referred to BioAgilytix Diagnostics will be obsolete, due to the availability of Mayo Clinic test ID VITB3.

Recommended Alternative Test:

Vitamin B3 and Metabolites, Plasma

Test ID: VITB3

Useful for:

Assisting in the diagnosis of suspected vitamin B3 deficiency or toxicity

May be useful in determining response to therapy

Methods:

Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Reference Values:

Nicotinic Acid (Niacin) Cutoff: <5.0 ng/mL

Nicotinamide: 5.0-48.0 ng/mL

Nicotinuric Acid Cutoff: <5.0 ng/mL

Specimen Requirements:

Patient Preparation: Fasting 4 to 8 hours preferred

Preferred: Lavender top (K2 EDTA)

Acceptable: K3 EDTA

Submission Container/Tube: Plastic Vial

Specimen Volume: 2 mL

Collection Instructions: Centrifuge and aliquot plasma into a plastic vial 2 hours of collection.

Minimum Volume: 0.75 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Plasma EDTA	Refrigerated (preferred)	28 days
	Ambient	21 days
	Frozen	28 days

Cautions:

Testing of nonfasting specimens can result in elevated plasma vitamin B3 concentrations, particularly in patients with dietary supplement use or patients on niacin treatment.

CPT Code:

84591

Day(s) Performed: Tuesday, 3 p.m. **Report Available:** 2 to 9 days

Questions:

Contact MCL Referrals Supervisor Amy Bluhm at 800-533-1710.