

Fatty Acid Profile, Essential, Serum

Order Name: **FAPEP**
Test Number: 6907817
Revision Date: 01/19/2026

TEST NAME	METHODOLOGY	LOINC CODE
Fatty Acid Profile, Essential, Serum	Quantitative Gas Chromatography-Mass Spectrometry	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.15 mL)	Serum	Clot Activator (SST or Red No-Gel)	Frozen
Alternate 1	1 mL (0.15 mL)	Plasma	EDTA (Lavender Top)	Frozen
Alternate 2	1 mL (0.15 mL)	Plasma	Lithium Heparin PST (Light Green Top)	Frozen

Instructions

Specimen Type: Red Top tube or Serum Separator(SST), Lavender-top (EDTA) tube, or Green top heparin tube

Specimen Storage: **FREEZE**

Specimen Collection: **Patient must fast overnight for 12-14 hours. Patient must not consume any alcohol for 24 hours prior to collection.**

Patient age is required on the test request form. Include information regarding treatment, family history, and tentative diagnosis. Serum or plasma must be separated from cells within 45 minutes of venipuncture. Send serum or plasma in a plastic transfer tube.

Special Instructions: Testing referred to ARUP Laboratories, Inc TC 2013518

Specimen Stability: Ambient: 48 hours, Refrigerated : 1 week, Frozen: 3 months

GENERAL INFORMATION

Expected TAT	9 - 13 days
Clinical Use	Identification of patients with essential fatty acid deficiency, evaluation of nutritional status, and diet monitoring.
Performing Labcorp Test Code	821279
Notes	Labcorp Test Code: 821279
CPT Code(s)	82542
Lab Section	Reference Lab