

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          | <p><b>Specimen Type:</b> Red Top tube or Serum Separator(SST), Lavender-top (EDTA) tube, or Green top heparin tube</p> <p><b>Specimen Storage:</b> <b>FREEZE</b></p> <p><b>Specimen Collection:</b> <b>Patient must fast overnight for 12-14 hours. Patient must not consume any alcohol for 24 hours prior to collection.</b></p> <p>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.</p> <p><b>Special Instructions:</b> Testing referred to ARUP Laboratories, Inc TC 2013518</p> <p><b>Specimen Stability:</b> Ambient: 48 hours, Refrigerated : 1 week, Frozen: 3 months</p> |               |                                       |                       |

| 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   |