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**Lab Dept:** Chemistry

**Test Name:** ACETOACETATE

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***General Information***

**Lab Order Codes:** ACEO

**Synonyms:** Acetoacetate Acid

**CPT Codes:** 82010 – Acetone or other ketone bodies, serum; quantitative

**Test Includes:** Blood acetoacetate levels measured in ug/mL.

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***Logistics***

**Test Indications:** N/A

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** Mayo Medical Laboratories and forwarded to National Medical Services (MML Test: FACTO)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 5 - 11 days

**Special Instructions:** PST and SST gel tubes will be rejected.

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***Specimen***

**Specimen Type:** Blood

**Container:** Lavender top (EDTA) tube  
Alternate: Red NO GEL tube

**Note:** Serum separator tubes are **not** acceptable

**Draw Volume:** 9 mL (Minimum: 3.6 mL) blood

**Processed Volume:** 3 mL (Minimum: 1.2 mL) serum/plasma

**Collection:** Routine blood collection

**Special Processing:** Lab Staff: Centrifuge specimen, remove plasma/serum aliquot. Place test in a separate aliquot from any other testing. Store and ship at frozen temperatures. Ship and store frozen. Indicate plasma or serum on label. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Warm specimens; mislabeled or unlabeled specimens; specimen drawn in gel tube

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***Interpretive***

**Reference Range:** Adult normal range: 5 - 30 mcg/mL

**Critical Values:** N/A

**Limitations:** Reporting limits are determined by each analysis.

**Methodology:** Gas Chromatography (GC)

**References:** [Mayo Medical Laboratories](#) January 2018

**Updates:** 9/2/2010: Units change from ug/L to mcg/L.  
1/19/2018: Updated draw volume