



Laboratory Service Manual

Lab Dept: Chemistry

Test Name: ACETOACETATE

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.

Logistics

Test Indications: N/A

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Medical Laboratories and forwarded to National Medical Services (Test# 90247)

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 5 - 13 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Blood: Red top (plain, no gel) tube, Lavender top (EDTA) tube
Note: Serum separator tubes are **not** acceptable

Draw Volume: 6 mL (Minimum: 3.6 mL) blood

Processed Volume: 2 mL (Minimum: 1.2 mL) serum/plasma

Collection: Routine venipuncture



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Special Processing: Lab Staff: Centrifuge specimen, remove serum/plasma 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 request form. Forward promptly.

Patient Preparation: None

Sample Rejection: Warm or cold specimens, mislabeled or unlabeled specimens

Interpretive

Reference 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 Web Page](#) (September 2010)

Updates: 9/2/2010: Units change from ug/L to mcg/L.