Lab Dept: Chemistry

Test Name: URIC ACID, PATIENT ON RASBURICASE

General Information

Lab Order Codes: URICR for patients on Rasburicase

Synonyms: Uric Acid, Patient on Rasburicase special handling required

CPT Codes: 84550 – Uric acid; blood

Test Includes: Uric acid concentration reported in mg/dL.

Logistics

Test Indications: Uric acid is the end product of purine metabolism, either synthesized or dietary, and is normally cleared by the kidney. An increased level in joints is known as gout. Uric acid may also be increased with acidosis, uremia, and in conditions associated with tissue destruction, such as leukemia.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 hours

Special Instructions: Patient on Rasburicase: Specimen needs to be placed on ice immediately after being drawn and sent on ice to the laboratory immediately for analysis.

Specimen

Specimen Type: Blood

Container: Green top (Li Heparin) tube preferred

Alternate tube: SST (Gold, marble or red top tube)

Draw Volume: 0.6 mL blood

Processed Volume: 0.2 mL plasma/serum
Collection: Routine venipuncture. Mix tubes containing anticoagulant by gentle inversion. See Special instructions for Patients on Rasburicase.

Special Processing: Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a plastic sample cup. Store at refrigerated temperatures.

For patients on Rasburicase: Process iced samples immediately and analyze as soon as possible.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimen; specimens other than heparinized plasma or serum; Rasbuicase specimens not collected or stored on ice

Interpretive

Reference Range: 2.0 - 5.5 mg/dL

Critical Values: >10 mg/dL

Limitations: Uric acid concentration is decreased with excessive lipemia.

Methodology: Uricase, Siemens Dimension Vista 500


Dimension Vista Uric Acid Flex Insert P/N 781077.001 REV G, 8/20/2013

Updates: 12/2/2010: Added information for patients on Rasburicase.
11/3/2011: Added rejection statement regarding specimens not collected or stored on ice.
9/16/2016: Update alternate tube type