Lab Dept: Chemistry

Test Name: RENAL PANEL

**General Information** 

Lab Order Codes: RENP

**Synonyms:** Kidney panel

**CPT Codes:** 80069 – Renal function panel

**Test Includes:** Albumin, Creatinine, Glucose, Phosphorus and Urea Nitrogen (BUN)

reported in mg/dL; Calcium, Chloride, Sodium, Potassium and TCO2

reported in mEq/L

Logistics

**Test Indications:** A renal panel is ordered as a screening tool to evaluate kidney function.

It provides information on the current status of the kidneys, electrolyte

balance, acid/base balance, and blood sugar levels.

**Lab Testing Sections:** Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 hour

**Special Instructions:** See <u>Collection</u>

Specimen

Specimen Type: Blood

**Container:** Preferred: Green top (Li Heparin) tube

Alternate: Red, marble or gold top tube

**Draw Volume:** 0.6 mL blood

**Processed Volume:** 0.2 mL plasma/serum

**Collection:** Collect sample anaerobically or minimize exposure to air for TCO2.

**Special Processing:** Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into

plastic sample cup. Analyze sample immediately or store at refrigerated temperatures. Once the sample is opened (uncapped), the sample must

be processed within 1 hour for TCO2.

Patient Preparation: None

**Sample Rejection:** Mislabeled or unlabeled specimens

Interpretive

**Reference Range:** See individual test listings

Critical Values: See individual test listings

Limitations: N/A

**Methodology:** See individual test listings

**References:** See individual test listings

**Updates:** 2/9/2016: Update alt tube type