
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 [Collection](#)

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