

# Kidney Profile

**CPT Code:** 82043, 82565, 82570

**Order Code:** 39165

**Includes:**

Creatinine, Serum (includes eGFR)

Albumin with Creatinine, Random Urine (includes Albumin/Creatinine Ratio)

**Alternative Names:** Chronic Kidney Disease, Kidney, CKD

**ABN Requirement:** No

**Specimen:** Serum **and** Urine

**Volume:** 1.0 mL Serum **and** 10.0 mL Random Urine

**Minimum Volume:** 0.5 mL Serum **and** 2.0 mL Random Urine

**Container:** Gel-barrier Tube (SST) **and** Plain Yellow Urine Tube

**Collection:**

***Serum - Gel-barrier Tube (SST):***

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. Do not shake.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

**AND**

***Urine - Plain Yellow Tube:***

1. Collect urine sample according to standard protocols.
2. Transfer aliquot from a clean urine cup into the Yellow Top tube using the vacutainer transfer device included with the Yellow Top tube.
3. Label sample according to standard protocols.

**Transport:** Store serum and urine at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

**Stability:**

**Ambient (15-25°C):** 7 days

**Refrigerated (2-8°C):** 7 days

**Frozen (-20°C):** 28 days

**Causes for Rejection:** See individual tests

**Methodology:** See individual tests

**Turn Around Time:** 4 to 6 days

**Performing Laboratory:** Quest Diagnostics Pittsburgh (QVE)

**Reference Range:** See Laboratory Report

**Clinical Significance:** This Profile combines two common tests-estimated glomerular filtration rate (eGFR) and urine albumin-creatinine ratio to support early detection of chronic kidney disease (CKD). This profile supports the National Kidney Foundation initiative to drive adoption of the profile to facilitate appropriate ordering of the elements of the profile to address early detection of CKD. A NHANES (CDC) study showed that only 8% of people with an eGFR <60 mL/min/1.73 m<sup>2</sup> knew they had CKD. For those with the same eGFR and a urinary albumin/creatinine ratio (ACR) >30 mg/g, only 28% were aware they had CKD. The guidelines are part of the laboratory engagement plan for CKD Intercept, sponsored by the National Kidney Foundation.

**Note:** The Kidney Profile is currently a send-out test being performed on an instrument platform and method that is different than the instrument platform used by Cleveland HeartLab for serum creatinine, urine creatinine, and urine albumin. Slight differences in the reported values for these assays between laboratory sites will be observed and expected due to analytical variation between platforms/methods.

*The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.*