

New Test **3000599** **Kidney Profile** **KID PRO**

Methodology: Quantitative Immunoturbidimetry/Quantitative Enzymatic/Quantitative Spectrophotometry
Performed: Sun-Sat
Reported: Within 24 hours

Specimen Required: Collect: Plasma Separator Tube (PST) or Serum Separator Tube (SST) **AND** random urine. Also acceptable: 24 hour urine.
Specimen Preparation Allow serum tube to clot completely at room temperature. Separate from cells ASAP or within 2 hours.
 Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) **AND** Transfer one 3 mL aliquot of urine to an ARUP Standard Transport Tube. (Min: 0.5 mL) Also acceptable: Urine specimens previously preserved with 6M HCl, boric acid, or 5 percent NaOH.
Storage/Transport Temperature: Refrigerated.
Remarks: Patient age and sex are required for calculation.
Unacceptable Conditions: Specimens obtained through catheters, used to infuse hyperalimentation fluid. Specimens with potassium oxalate/sodium fluoride, citrate, or EDTA as anticoagulants.
Stability (collection to initiation of testing): Ambient: 48 hours; Refrigerated: 1 week; Frozen: 3 months

Reference Interval: By report

Interpretive Data: The CKD-EPI equation for non-African American individuals is used to calculate the estimated glomerular filtration rate (GFR). To estimate the GFR for African Americans, multiply the provided GFR result by 1.16.

The CKD-EPI equation is validated in individuals 18 years of age and older. However, the equation is less accurate in patients with extremes of muscle mass, restriction of dietary protein, ingestion of creatine, extra-renal metabolism of creatinine, or treatment with medications that affect renal tubular creatinine secretion.

GFR Categories in Chronic Kidney Disease (CKD)

GFR Category	GFR (mL/min/1.73 square meters)	Terms
G1	Greater than or equal to 90	Normal or high*
G2	60-89	Mildly decreased*
G3a	45-59	Mildly to moderately decreased
G3b	30-44	Moderately to severely decreased
G4	15-29	Severely decreased
G5	Less than 15	Kidney failure
*In the absence of evidence of kidney damage, neither GFR category G1 nor G2 fulfill the criteria for CKD (Kidney Int Suppl 2013;3:1-150)		

Note: If a 24-hour urine collection is submitted, 24-hour calculations will not be performed. If 24-hour calculations are required, refer to test code 0050203 Albumin-Creatinine Ratio, Urine.

CPT Code(s): 82043, 82570, 82565

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.