

# Renal Function Test

Patient information	
Name:	Age:
Date:	Physician:
Glomerular filtration rate (GFR)	
Serum creatine: (mg/dL)	GFR calculation method:
Remarks:	
Creatine clearance	
Urine creatine: (mg/dL)	Urine flow rate (V): (mL/min)
Plasma creatine (PCr): (mg/dL)	
Creatine clearance: $(UCr \times V) / PCr =$ mL/min	
Remarks:	
Albumin-creatinine ratio (ACR)	
Random-specimen: (mg/g creatine)	24-hour urine collection: (mg/d)
Stage of albuminuria (per KDIGO guidelines):	Urine protein (if applicable): (mg/d)
<input type="checkbox"/> A1: <30 mg/g	Nephrotic syndrome? (Protein > 3.5 g/d)
<input type="checkbox"/> A2: 30-300 mg/g	<input type="checkbox"/> Yes
<input type="checkbox"/> A3: >300 mg/g	<input type="checkbox"/> No
Remarks:	

**Cystatin C**

**Serum cystatin:** (mg/dL)

**Estimated GFR (Cystatin C):** mL/min/1.73 m<sup>2</sup>

**Remarks:**

**Blood urea nitro**

**Serum urea:** (mg/dL)      **BUN-to-creation ration:**

**Remarks:**

**Urinalysis**

**Color:**  
 Straw       Dark       Red       Cloudy       Other:

**Clarity:**  
 Clear       Turbid       Other:

**Specific gravity:** (1.003–1.030)

<b>Protein:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive	<b>Glucose:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive	<b>Ketones:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive
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<b>Blood:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive	<b>Nitrites:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive
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<b>Leukocyte:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive	<b>Bilirubin:</b> <input type="checkbox"/> Negative <input type="checkbox"/> Positive
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**Microscopic urinalysis****RBCs:** (0–3/HPF)**WBCs:** (0–5/HPF)**Cast:**

- RBC casts (Glomerulonephritis)
- WBC casts (Pyelonephritis)
- Hyaline casts
- Fatty casts (Nephrotic syndrome)

**Crystals:**

- Uric acid (Gout)
- Oxalate (Hyperoxaluria)
- Cystine (Cystinuria)

**Additional notes****Laboratory technician:****Signature:****Laboratory name:****Contact number:**