<table>
<thead>
<tr>
<th>Lab Dept:</th>
<th>Anatomic Pathology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Name:</td>
<td>KIDNEY BIOPSY, ROUTINE SURGICAL PATHOLOGY</td>
</tr>
</tbody>
</table>

**General Information**

**Lab Order Codes:**
Orders are communicated via the Surgical Pathology request form

**Synonyms:**
Renal Biopsy; Open Kidney Biopsy; Needle Biopsy of Kidney

**CPT Codes:**
- 88305 – Level IV, surgical pathology gross and microscopic examination (if appropriate)
- 88313 – Special stains, each (if appropriate)
- 88347 x4 – Immunofluorescent study, each antibody; indirect method (if appropriate)
- 88348 – Electron microscopy (if appropriate)

**Test Includes:**
Light microscopy. May also include a battery of histochemical stains and EM if pathologist deems necessary.

**Logistics**

**Test Indications:**
Useful for evaluation of acute and/or chronic renal disease

**Lab Testing Sections:**
Anatomic Pathology

**Referred to:**
Referrals will be designated by the pathologists handling the case.
Electon Microscopy (EM): Hennepin County Medical Center

**Phone Numbers:**
- MIN Lab: 612-813-5875
- STP Lab: 651-220-6561

**Test Availability:**
Monday – Friday

**Turnaround Time:**
1 - 7 days

**Special Instructions:**
Specimen must arrive within 4 hours of collection. Call Histology department 24 hours prior to collection for complete instructions, supplies, and to notify them for preparation of receipt of kidney biopsy.

**Specimen**

**Specimen Type:**
Tissue
Container: Saline moistened gauze or B5/Glutarraldehyde fixatives

Draw Volume: Entire specimen collected (to include three separate pieces of kidney)

Processed Volume: Same as Draw Volume

Collection: Submit sterile, fresh kidney tissue with no added fixative. Place specimen in a saline moistened gauze. Never allow specimen to dry out. Maintain sterility and forward promptly at ambient temperature only. The nephrologist may pick up fixatives (B-5 or glutaraldehyde) and place specimen in appropriate fixatives. The nephrologist will prepare specimen for immunofluorescence (IF).

EM: Place kidney tissue in EM fixative (glutaraldehyde).

Special Processing: See Collection

Patient Preparation: Physician preference

Sample Rejection: Improperly collected specimen; unlabeled or mislabeled specimen

Interpretive

Reference Range: Interpretive pathology report

Methodology: Electron Microscopy

References: Rosai, Juan MD, Ackerman’s Surgical Pathology, 8th ed, vols 1 and 2, CV Mosby

Sternberg, Steven (1997) Histology for Pathologists, 2nd ed, Lippincott/Raven

www.va.gov/index.htm

Hennepin County Medical Center Laboratory, 2005

Updates: 11/15/2005: Previously sent to Veteran’s Administration Medical Center Laboratory