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**Lab Dept:**                      **Anatomic Pathology**

**Test Name:**                    **KIDNEY BIOPSY, ROUTINE SURGICAL  
PATHOLOGY**

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***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.

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***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.

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***Specimen***

**Specimen Type:**                Tissue

<b>Container:</b>	Saline moistened gauze or B5/Glutaraldehyde fixatives
<b>Draw Volume:</b>	Entire specimen collected (to include three separate pieces of kidney)
<b>Processed Volume:</b>	Same as Draw Volume
<b>Collection:</b>	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).
<b>Special Processing:</b>	See Collection
<b>Patient Preparation:</b>	Physician preference
<b>Sample Rejection:</b>	Improperly collected specimen; unlabeled or mislabeled specimen

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### ***Interpretive***

<b>Reference Range:</b>	Interpretive pathology report
<b>Methodology:</b>	Electron Microscopy
<b>References:</b>	Rosai, Juan MD, Ackerman's Surgical Pathology, 8 <sup>th</sup> ed, vols 1 and 2, CV Mosby  Sternberg, Steven (1997) Histology for Pathologists, 2 <sup>nd</sup> ed, Lippincott/Raven  <a href="http://www.va.gov/index.htm">www.va.gov/index.htm</a>  Hennepin County Medical Center Laboratory, 2005
<b>Updates:</b>	11/15/2005: Previously sent to Veteran's Administration Medical Center Laboratory