Requisitions, clinical information form, renal biopsy kits including all necessary solutions and courier service or FedEx® mailer are available for the Renal Pathology Service through the Client and Consult Services (305-243-PATH). Renal pathologists also are available for providing advice regarding specimen preparation or other clinical issues at all times.

Specimen Requisition:
Complete the “Renal Biopsy Clinical Information”, “Renal Biopsy Requisition” & submit both forms with the specimen.

Specimen Preparation:
Gross evaluation of the percutaneous renal biopsies utilizing the aid of a dissecting microscope or magnifying lens helps ensure specimen adequacy. Glomeruli may be visible under magnification as small red dots (0.2 mm) along the core. If no glomeruli are clearly visible than additional cores should be considered.

Once the biopsy cores (2-3) are obtained, a standard approach is to first procure tissue for EM from each core by removing 1 mm cubes from the ends and placing them in Karnovsky’s fixative. The first and second cores should be cut in half and the larger piece placed in formalin (light microscopy [LM]); the smaller portion in Michel’s transport medium (for immunofluorescence [IF]). If a third core is obtained, the tissue can be placed in formalin (see figure at left).

Close vials tightly. Label each vial appropriately with two unique identifiers or attach patient labels to each specimen vial.

Specimen Shipping:
Place completed requisition and clinical information form in pocket of biohazard bag. Return individually labeled, tightly closed vials to foam tray and place tray into biohazard bag and seal. Place sealed biohazard bag into kit box. Close biopsy kit box tightly. Call client services to schedule pickup.

Renal Pathologist Contact Information:
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