

RENAL BIOPSY TRANSPORT KIT COLLECTION INSTRUCTIONS

QUALITY, TRUST, & RELIABILITY

PREPARATION INSTRUCTIONS

1. Immediately upon obtaining tissue, place the biopsy specimen(s) in saline solution in a petri dish or wrap specimen in saline-saturated gauze.
2. Using a dissecting microscope, examine the core(s) for glomeruli (they appear as red dots).
3. Submit specimens as follows:

- **If three or more cores of tissue are obtained**, one is submitted for each of the three studies by placing a core into each labeled fixative vial.
- **If two cores of tissue are obtained**, one is submitted for light microscopy; the second is divided for immunofluorescence and electron microscopy studies, with each being placed into appropriately labeled vials.
- **If one core is obtained** (see figure 1) submit two 1–2 mm fragments from the end of the core for electron microscopy placed in the proper fixative. Then submit two 1–2 mm fragments from the new ends for immunofluorescence placed in the proper fixative. The main portion of the core is submitted for light microscopy in the proper fixative.

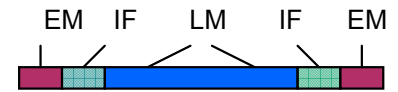


Figure 1

Note: All vials must be labeled with patient's full name and unique identifier. Avoid drying of specimens; make sure the specimens are completely submerged into the fixative and not caught on vial sides or in the threads of the cap.

SPECIMEN STORAGE/TRANSPORT

1. Place renal biopsy specimens in appropriately labeled fixative vials as per preparation instructions.
2. Place the vials into the ambient shipping container in which the fixatives arrived.
3. Place the ambient shipping container into the large green ambient sample bag and seal it.
4. Place a completed ARUP test request form into outer pouch of the large green ambient sample bag.
5. Place the sealed large green sample bag into the FedEx UN 3373 pak and seal it.
6. Contact FedEx for an immediate priority overnight pickup.

Samples must be delivered to ARUP during business hours before 3 p.m. MT Monday through Friday, excluding holidays.