

This kit contains solutions required to submit tissues for light microscopy, immunofluorescence, and electron microscopy. These instructions are intended for laboratories comfortable dissecting cores in the manner below.

MEDIA/CONTAINERS FOR RENAL BIOPSY COLLECTION

Container 1: Light Microscopy (LM): Green capped vial with 10% neutral buffered formalin*

Container 2: Immunofluorescence (IF): Blue capped vial with Michel's Transport Solution

Container 3: Electron Microscopy (EM): White capped vial with Karnovsky's Fixative**

*** CAUTION: CONTAINS FORMALDEHYDE.** Toxic by inhalation and if swallowed. Irritating to the eyes, respiratory system, and skin. May cause sensitization by inhalation or by skin contact. Risk of serious damage to eyes. May cause cancer; repeated or prolonged exposure increases the risk.

**** CAUTION: CONTAINS CACODYLATE BUFFER.** Potential carcinogen; repeated or prolonged exposure increases the risk.

COLLECTION INSTRUCTIONS: Always wear appropriate PPE, including gloves. Using a sharp scalpel, divide the cores according to the core sectioning schematic.

RECAPPING AND MIXING:

1. Carefully recap each vial to ensure a tight seal. It is essential that the caps not be exchanged in order to avoid cross-contaminating the solutions.
2. Gently invert the vial several times to ensure appropriate exposure of the tissue to the solution.

LABELING: Clearly label each vial with:

1. Patient's name
2. Date of birth
3. Time and date the sample was collected
4. Initials of the person preparing the sample

The specimen cannot be accepted without this information.

SHIPPING: Please carefully follow these three instructions:

1. Place the vials inside the plastic specimen bag and seal the bag.
2. Fold the requisition form and place with the inside the shipping kit together with the specimen bag and seal the kit.
3. Return the kit using the pre-paid FedEx label and packaging provided with the kit.

