

This kit contains formalin to submit tissue for light and electron microscopy and transport medium to submit tissue for immunofluorescence. For this simplified procedure, there is no need to dissect the core biopsy to collect tissue for electron microscopy. Electron microscopy will utilize the formalin fixed tissue.

MEDIA/CONTAINERS FOR RENAL BIOPSY COLLECTION

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

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

*** 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.

COLLECTION INSTRUCTIONS: Always wear appropriate PPE, including gloves.

- **For 2 Cores:** place one core in the green-capped vial and one core in the blue-capped vial.
- **For 3 or more Cores:** Divide the cores evenly between the two vials with any extra cores in the green capped formalin vial.
- **A minimum of 2 cores is recommended to ensure sufficient numbers of glomeruli.** However, if circumstances prevent obtaining more than one core, carefully divide the core in half by cutting crosswise using a sharp scalpel. **DO NOT** cut the core longitudinally. Place one piece in the green-capped vial and the other in the blue capped vial.

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 the:

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.