Instructions for Tissues Submitted for Electron Microscopy

Sample collection: (i.e., kidney, tumor specimens)

✓ Place minced (1 mm cubes) specimen in 3% glutaraldehyde immediately
✓ Send specimen at ambient temperature in a vial containing 3% glutaraldehyde

Special Instructions:

✓ Muscle tissue: specimen should be collected with a Price Muscle Clamp.
✓ Specimen must be fixed in 3% glutaraldehyde for 24 hrs while attached to clamp.

Nasal or Ciliary Mucosal Biopsy:

✓ Should be placed in Cell or Viral Culture Transport Media. DO NOT FIX. Optimal time for obtaining best results is to send tissue within 1 to 2 hrs of collection.
✓ Send immediately to Dr. Gunning at the address below.

Delivery times:

✓ Send specimen at ambient temperature via overnight delivery. Samples are accepted and run Monday through Friday. The laboratory is closed weekends and holidays.

Testing Method:

Standard tissue processing methods for electron microscopy are used to obtain appropriate sections for analysis.

Specimen Analysis:

Done by ultrastructural analysis

Specimen Delivery Address:

Via Courier:
Pathology Laboratory
University of Toledo Medical Center
3000 Arlington Avenue
Toledo, OH 43614
419-383-3752

Via FedEx or DHL:
Receiving Department
ATTN: Dr. William Gunning
Director, UTHSC Electron Microscopy Facility
University of Toledo College of Medicine
Block Health Science Bldg., Room 029
3000 Arlington Ave.
Toledo, OH 43614
419-383-3484