



Specimen collection information is available in Power Chart under the laboratory ordering pathway as part of that pathway for any specific type of cytologic sample. Consult this manual under the specific cytologic examination desired for information on collection of the specimen, delivery of the specimen, and the required requisition and information to accompany the specimen.

### **ANCILLARY TESTING: IMMUNOHISTOCHEMISTRY, HORMONE RECEPTOR ASSAYS, IN SITU HYBRIDIZATION, IMMUNOFLUORESCENCE, AND ELECTRON MICROSCOPY**

Requests for specific ancillary tests on pathology tissues should be made directly with the pathologist responsible for the tissue examination. Typically, these studies are to help the pathologist to properly complete the diagnostic report on the submitted tissue.

Send Ancillary Test requests to the Anatomic Pathology Receiving Area located at VCUHS in the Gateway Building on the 6th floor. Hours of operation are 8 AM - 4:30 PM, Monday through Friday. After hours, the specimens are to be delivered to the Clinical Support Central Receiving Area on the 6th floor of Clinical Support Center. **Clinical history** is required for all patient samples. For neuropathology specimens, bone tumors, or consults, the radiology report and films are also requested. Consult material should be accompanied by any associated pathology report(s), including any preliminary reports, H & E slide(s), and paraffin block(s) where applicable.

**Immunohistochemistry:** Performed on paraffin blocks and fresh material as requested. Fresh material should be stored on ice or refrigerated until delivery, within 24 hours of collection. Immunohistochemistry may be performed on cases from non-VCUHS facilities sent to Anatomic Pathology or Cytopathology for consultation. The non-VCUHS facility will be required to send the paraffin block or a predetermined number of unstained slides.

**Hormone Receptor Studies:** Performed by immunohistochemistry with semiquantitative analysis. Paraffin blocks should be accompanied by a copy of the associated pathology report.

**In Situ Hybridization:** HPV typing, viral infections are performed on paraffin blocks. Include a copy of the associated pathology report.

**Immunofluorescence:** Fluorescent stains for C4d, C3, C1Q, IgA, IgG, IgM, Kappa, Lambda, Albumin and C5b-9 are performed. Immediately place biopsies into Michel Transport Medium

for transport. Store in refrigerator or on ice. Deliver to the laboratory within 24 hours of collection.

**Electron Microscopy:** Tissues are to be cut into 1 mm cubed pieces and immediately placed in glutaraldehyde. Keep refrigerated until delivered. A formal report must be furnished on all EM studies performed on patients whether or not the EM studies substantiate or alter the histologic diagnosis.