

Source/tissue type	Procedure	Fixative	Notes
Amputation	Limb amputation	Fresh or formalin	Refrigerate if fresh  Specimens too large for formalin container should be double bagged in appropriately labeled red biohazard bags
Amputation	Amputation for disposal	Fresh	ED ONLY
Bone Marrow	Lumbar tap	Aspirate: 1-2 mL in EDTA lavender CORE: B+ fixative	Refer to the Routing Slip for further specifications
Bone	Biopsy	Fresh or formalin	Deliver to Histology immediately
Brain biopsy	Craniotomy	Fresh or formalin	Fresh – use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Colon Resection	Colectomy	Formalin	
Cyst	Excisional biopsy	Formalin	
Endomyocardial/Heart biopsy	Heart biopsy	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Eye	Orbitotomy	Tumor – Fresh Other – formalin	Fresh use sterile gauze or Telfa® saturated with saline

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Filum	Tissue debridement	Formalin	
GI biopsy	Esophagogastroduodenoscopy (EGD)	Formalin	Use the Permaloc™ Formalin containers
Hair	Hair pull	Fresh	
Kidney biopsy (Transplant/Native)	Kidney biopsy Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Liver biopsy (Transplant/Native)	Liver biopsy Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Lung	Needle biopsy – Percutaneously, bronchoscopy, open surgery  Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Lung	Wedge biopsy with mass	Fresh  Place each specimen/resection in a separate container	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Lung	Wedge biopsy for interstitial disease	Fresh  Place each specimen/resection in a separate container	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately

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Lung	Lobectomy	Tumor – Fresh Other – Formalin	Deliver to Histology immediately
Lymph node	Needle core biopsy	Lymphoma work up – Fresh All others - Formalin	Fresh – use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Lymph node	Excision	Lymphoma work up – Fresh All others - Formalin	Fresh – use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Lymph node	Staging - Lymphadenectomy	Formalin	
Nail	Nail clippings	Fresh	
Nerve – Sural (sensory)	Requires 13 mm or 2 cm length <ul style="list-style-type: none"> <li>• Dissection of subcutaneous dermal fat between the lateral Malleolus and the Achilles tendon</li> <li>• Manipulate by grasping the fine epineural connective tissue so as to avoid the nerve fascicle proper.</li> <li>• Avoid extra stretching, pinching, bending.</li> </ul>	Fresh	Place specimen on a stiff paper or glass slide wrap in a sterile gauze saturated with saline.

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Placenta		Fresh or formalin	Refrigerate if fresh
Tumor	Mass excision	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately
Skin – Punch biopsy for Immunofluorescence	Punch biopsy  The ideal skin specimen is a 3mm punch biopsy adjacent to the blister	Michel's transport media	
Skin – Punch biopsy	Punch biopsy	Formalin	
Skin – Excisional biopsy	Excisional biopsy	Formalin	
<u>Muscle – biopsy</u>	Biopsy	Fresh	Use sterile gauze or Telfa® saturated with saline  Deliver to Histology immediately