

Specialty Specific Requirements

A convenient guide to required materials according to the specialty service that will review the case submitted.

Bone and Soft Tissue

FFPE block required 

- Pathology reports and clinical history:
 - Radiation therapy, chemotherapy, surgery
 - Malignancies (including sarcomas, melanomas and carcinoma)
 - Clinical syndromes (such as NF1)
- Radiology reports and images
- Laboratory test results (molecular assays performed or in process)



- Social history (tobacco use, asbestos exposure)
- Laboratory test results: CA19-9, CA-125, pancreas cyst fluid (CEA, amylase, glucose, molecular)
- Radiology reports and images (ultrasound, CT, MRI, PET)

- Pathology reports and clinical history
- Laboratory test results: autoimmune serologies, tumor marker (CEA, CA19-9), and liver function tests
- Endoscopy reports and images
- Radiology reports and images (ultra-sound, CT, MRI, MRA, PET)

Breast

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history
- Radiology reports and images (mammography, ultrasound)



Dermatopathology (General, Inflammatory)

- FFPE block advised or 10 unstained slides
- Pathology reports and clinical history (biopsy, related lesion, or re-excision)
- Clinical photos (lesions)



GI and Hepatobiliary: Medical Disease of the Liver

- FFPE block advised or 6 unstained slides
- 2 H&E-stained slide levels
- All stains already performed (e.g., PAS with and without diastase, iron, trichrome, reticulin)
- Name and contact information for the provider (e.g. gastroenterologist or hepatologist) treating the patient
- Pathology reports and clinical history (recent clinic note related to liver evaluation)
- Laboratory test results (liver function tests, autoimmune serologies, and hepatitis workup)



Cardiac/Cardiovascular

- FFPE block advised or 6 unstained slides
- Pathology reports and clinical history:
 - Medications
 - Source of biopsy specimen: native heart or transplanted heart
 - Heart transplant date and reason
 - Echocardiogram (ECHO) results
 - Catheterization results and reason for procedure (e.g., routine or due to change in symptoms/urgent)
 - Biopsy reports
 - HLA DSA suspected antibody mediated rejection
- Laboratory test results (HLA, tacrolimus)



Dermatopathology for Melanocytic Lesions, Cutaneous Lymphoma, Mycosis Fungoides or rule/out CL or MF

- FFPE block required 
- Pathology reports and clinical history (biopsy, related lesion, or re-excision)
- Clinical photos (lesions)



Endocrine

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history



Cytology/Cytopathology

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history:
 - Procedure notes (endoscopy, bronchoscopy)
 - Malignancy type and if relevant to submitted sample



GI and Hepatobiliary: Gastrointestinal, Liver Tumors, and Pancreaticobiliary Tissues (Esophagus, Stomach, Small and Large Intestine, Rectum, or Pancreatic/Bile Duct Disease)

- FFPE block advised or 10 unstained slides
- Name and contact information for the provider (e.g., hepatologist or gastroenterologist) treating the patient



Gynecologic Pathology (GYN)

- FFPE block required 
- Pathology reports and clinical history:
 - Clinic notes
 - Hormonal medications
- Laboratory test results (molecular assays already performed or in process)
- Radiology reports and images
- Clinical photos (pelvic)





Head and Neck

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history
- Radiology reports and images (ultrasound, CT, MRI, MRA, PET)



Hematopathology (Bone Marrow, Lymph Nodes, Spleen)

- FFPE block required for known/ suspected lymphoma or 20 unstained slides**



- Pathology reports and clinical history

- Laboratory test results:

- Recent CBC with differential for bone marrow specimens
- Flow cytometry, molecular diagnostic and cytogenetic reports already performed or in process

Neuropathology Dementia Consultation

MLabs does not accept Neuropathology specimens that pose risk of Creutzfeldt-Jakob Disease (CJD) or other transmissible spongiform encephalopathy.



MLabs provides Forensic Consultation services to contracted clients. Other requests need MLabs Pathologist approval. For consultations, contact MLabs Customer Service at 800.862.7284.

Neuropathology Epidermal Nerve Fiber Density (Small Fiber Neuropathy)

MLabs does not accept Neuropathology Epidermal Nerve Fiber Density consultation cases.



Neuropathology (Tumor or Rule Out Tumor)

- FFPE block required**
- All touch and squash preparation cytology slides
- Pathology reports and clinical history:
 - History and physical (H&P)



- Radiation or chemotherapy
- Laboratory test results (molecular assays performed or in process)
- Radiology reports and images (pre-treatment CT and/or MRI of brain/skull/spinal cord)

Ophthalmologic Pathology

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history



Pediatric/Parinatal Pathology

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history
- Radiology reports and images (pediatric tumors - ultrasound, CT, MRI, MRA, PET)



Pulmonary/Thoracic

- FFPE block advised if IHC or special stains have been performed
- Pathology reports and clinical history (recent clinical note)
- Radiology reports and images (chest imaging reports)



Renal (Medical Disease of the Kidney)

MLabs recommends the referral of renal biopsy for medical disease of the kidney specimens as primary diagnosis – using our Renal Biopsy Kit. Renal biopsy specimen kits can be obtained in advance of the procedure by contacting MLabs Client Services.



- If referring slides, include:
 - H&E stained slides, 2 microns – first cut slides x 2 levels per slide
 - Trichrome, cut at 2 microns, x 2 levels per slide
 - PAS-without diastase digestion, cut at 2 microns, 2 levels per slide
 - Silver stain, cut at 2 microns, 2 levels per slide
 - H&E stained slides, 2 microns – last cut slides x 2 levels per slide

- 1 unstained slide cut at 8 – 10 microns for Congo Red staining for detection of amyloid, if needed

- Name and contact information for referring nephrologist
- Pathology reports and clinical history
- Laboratory test results
- Electron micrograph images

Renal [Kidney] Tumors (Assigned as GU Cases)

- FFPE block required**
- Pathology reports and clinical history (surgical and/or cytopathology)
- Laboratory test results (serum PSA, serum tumor markers i.e. AFP, BHCG, etc.)
- Endoscopy and cystoscopy reports and images



Transplant for Rejection (ANY Organ: Heart, Lung, Kidney, other)

- Pathology reports and clinical history:
 - Medications
 - Current immunosuppression
 - Transplant biopsy reports
- Laboratory test results (HLA, tacrolimus)

