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Tissue and Fluid Specimens for Pathology and Lab		Gross Room (918) 417-6400	Cytology (918) 417-6400	
SPECIMEN TYPE	SPECIALTIES	CONTAINER	PRESERVATIVE	SPECIAL INSTRUCTIONS
Cytology (Always note total specimen volume and description on cytology requisition)				
BAL	Cytology	Luki tube	Fresh - No Fixative	Refrigerate until courier pick-up
Bronchial Wash	Cytology	Luki tube	Fresh - No Fixative	Refrigerate until courier pick-up
Bronchial Brush	Cytology	Plastic slide holder	Slides should be placed in 95% alcohol	Place brush in small container and cover with CytoRich Clear
Breast Fluid	Cytology	Urine cup or syringe	Fresh - No Fixative	Refrigerate until courier pick-up
Cerebral Spinal Fluid (CSF)	Cytology	CSF screw top tubes	Fresh - No Fixative	Refrigerate until courier pick-up
Ascites Fluid	Cytology	Pint plastic or cup	Fresh - No Fixative	Refrigerate until courier pick-up
Pericardial Fluid	Cytology	Pint plastic or cup	Fresh - No Fixative	Refrigerate until courier pick-up
Pleural / Thoracentesis Fluid	Cytology	Pint plastic or cup	Fresh - No Fixative	Refrigerate until courier pick-up
Sputums	Cytology	Sputum cup	Fresh - No Fixative	Refrigerate until courier pick-up
Urine	Cytology	Urine cup	Fresh - No Fixative	Refrigerate until courier pick-up
Bladder Wash	Cytology	Urine cup	Fresh - No Fixative	Refrigerate until courier pick-up
Ureter Wash	Cytology	Urine cup	Fresh - No Fixative	Refrigerate until courier pick-up
Fine Needle Aspirations	Cytology	See attached procedure for Fine Needle Aspirations		
Thyroid Aspirate	Cytology	Fine Needle Kit and air dried smears	CytoRich Clear	Slides should be placed in 95% alcohol or air dried
<i>*All fluids - Aliquot specimen prior to performing cytology tests. Possible shared specimen</i>				
Histology				
Skin Biopsies direct immunofluorescence	Histology	According to size	Michel's Medium	
Frozen Sections	Histology	According to size	Fresh - No Fixative	Notify PLA Pathology immediately
Biopsies	Histology	Small containers	10% Buffered Formalin	Cover specimen with Formalin
Surgical Specimens	Histology	According to size	10% Buffered Formalin	Cover specimen with Formalin
Flow Cytometry Specimens				
Lymph nodes	Histology	Small container	Submit fresh or in RPMI media	Store RPMI Media in refrigerator, if purplish-blue colors occurs, discard and get new container.
Small tissue samples	Histology	Small container	Submit fresh or in RPMI media	Store RPMI Media in refrigerator, if purplish-blue colors occurs, discard and get new container.
Special Histology Specimens				
Cytogenetics on fetal and placental tissue	Histology	According to size	RPMI Media	Store RPMI Media in refrigerator, if purplish-blue colors occurs, discard and get new container.
Kidney biopsies for EM and immunofluorescence	Histology	Provided with Buffer	Phosphate Buffer or Saline	Call PLA Gross Room to notify of collection. Call for STAT courier pick up, specimen must be received within 2 hours of collection.
Muscle and Nerve biopsies	Histology	According to size	Fresh on saline soaked sponge	Call PLA Gross Room to notify of collection. Call for STAT courier pick up.
Molecular				
JAK2 Mutation	Molecular	Lavender top tube	EDTA	Do not use EDTA tube that has been sampled by an instrument or shared with any other testing. Do not centrifuge. Keep specimens at room temperature.
Next-Generation Sequencing (NGS)	Molecular	Paraffin Block	None	Refrigerated during summer months. Collect formalin fixed embedded tissue.
Microbiology				
Microbiology studies including bacterial, fungal, and/or fungal cultures. Specimen can be fluid, tissue, or submitted in collection swab.	Microbiology	According to size	Fresh - No Fixative	Labcorp Microbiology (918)-744-2500

