

Tissue and Fluid Specimens for Pathology and Lab

RML Gross Room
(918)-744-2500 x15992

RML Cytology
(918)-744-2500 x15582

RML Microbiology
(918)-744-2500 x15573

SPECIMEN TYPE	TEST TO BE DONE	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	* Cover slides with 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
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
CSF and body fluids could also have lab orders for cell counts and Chemistry studies.	Shared specimen sent to chemistry and hematology	See above	Fresh - No Fixative	Aliquot specimen prior to performing cytology tests
Histology				
Frozen Sections	Histology	According to size	Fresh - No Fixative	Notify RML 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 RML 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 RML Gross Room to notify of collection. Call for STAT courier pick up
Microbiology				
Microbiology studies including bacterial, fungal, and/or fungal cultures. Specimen can be fluid, tissue, or submitted on a collection swab.	Microbiology	According to size	Fresh - No Fixative	