

Lab Production Schedule: Anatomical Pathology

Test Name	Dept	Shift	Days of the Week Performed							Cutoff Time	Usual TAT (Days)	Desired Volume (mL)	Container	Shipping Stabilities	Comments
			M	T	W	T	F	S	S						
Bone Marrow Biopsy	AP	D, E, N	√	√	√	√	√				1 - 3	1 cm core biopsy	30 mL formalin	Room Temp	
Immunofluorescent Studies, Biopsy	AP	D	√	√	√	√	√				1 - 2	biopsy of kidney, skin, lung	Micheles solution	Room Temp	Call lab for kit
Immunofluorescent Studies, subsequent Ab's	AP	D	√	√	√	√	√				1 - 2		Micheles solution		
Lymph Node Biopsy	AP	D	√	√	√	√	√				1 - 3		Saline moist sponge		Clients call lab; inpatient take to frozen section lab
Stone Analysis	AP	D	√	√	√	√	√				7	Entire Calculi	Plastic urine container		
Tissue Biopsy - CNS	AP	D	√	√	√	√	√	√	√		2	40 mg fresh tissue to neuropathology immediately	Notify neuropathology before surgery		Call neuropathology for instructions
Tissue Biopsy - Muscle	AP	D	√	√	√	√	√			11:00 AM	2-3	40 mg fresh tissue to neuropathology immediately	Notify neuropathology before surgery		Call neuropathology for instructions
Tissue Biopsy - Myocardium	AP	D	√	√	√	√	√			10:00 AM	1	Heart tissue - consult pathologist prior to surgery	10% neutral buffered formalin in plastic container		Call surgical pathology for instructions
Tissue Biopsy - Myocardium for Immunofluorescence	AP	D	√	√	√	√	√				1 - 2	Consult pathologist	Micheles solution		Call surgical pathology for instructions
Tissue Biopsy - Neuropathology	AP	D	√	√	√	√	√				6 - 10	40 mg fresh tissue to neuropathology immediately			Call neuropathology for instructions
Tissue Biopsy - Peripheral Nerve	AP	D	√	√	√						10	1 cm length, fresh to neuropathology immediately			Call neuropathology for instructions
Tissue Biopsy - Renal	AP	D	√	√	√	√	√				1 - 2	3x1 cm core	Renal Bx kit (3 part)		Call surgical pathology for kit
Tissue Biopsy - Skin (neuropathology)	AP	D	√	√	√	√				12:00 noon	5	2 x 3 mm skin punch biopsy of scapular region			Call neuropathology for instructions
Tissue Biopsy - Skin (surgical pathology)	AP	D	√	√	√	√	√				2	1 mm skin punch or shave biopsy	30 mL formalin filled bottle	Room Temp	
Tissue Biopsy - Surgical Pathology Examination	AP	D	√	√	√	√	√				1 - 2	Tissue fixed in neutral buffered formalin	Plastic container with enough fixative (buffered 10% formalin) to cover the specimen	Room Temp	



Lab Production Schedule: Cytology and Electron Microscopy

Test Name	Dept	Shift	Days of the Week Performed							Cutoff Time	Usual TAT (Days)	Desired Volume (mL)	Container	Shipping Stabilities	Comments
			M	T	W	T	F	S	S						
Cell Block and Smear	Cyto	D	√	√	√	√	√				1 - 3	As much as possible	1 ml syringe		Smear must be fix with spray or 95% ETOH
Cytology, Anterior Eye Chamber	Cyto	D	√	√	√	√	√				1 - 2	5 mL	Sterile container		Send ASAP
Cytology, Body Fluid	Cyto	D	√	√	√	√	√				1 - 2	Brush lesion area	Cytolyte fixative		Add heparin if bloody
Cytology, Bronchial Washings	Cyto	D	√	√	√	√	√				1 - 2	Brush lesion area	Cytolyte fixative		Call cytology
Cytology, Brushings	Cyto	D	√	√	√	√	√				1 - 2	Scrape of buccal mucosa			Call cytology
Cytology, Buccal Smear	Cyto	D	√	√	√	√	√				1 - 2	Cervical scraping	SurePath pap kit		Call cytology
Cytology, Cervical/Vaginal	Cyto	D	√	√	√	√	√				1 - 10	fresh fluid	Sterile container		Call lab for kit
Cytology, Cyst Fluid	Cyto	D	√	√	√	√	√				1 - 2				
Cytology, Needle Aspiration (FNA)	Cyto	D	√	√	√	√	√				2 - 4				
Cytology, Nipple Discharge	Cyto	D	√	√	√	√	√				2 - 4				
Cytology, Spinal Fluid	Cyto	D	√	√	√	√	√				1 - 2		CSF tube		
Cytology, Surface Scrape	Cyto	D	√	√	√	√	√				1 - 2	direct scrape of lesion			Call cytology
Cytology, Urine	Cyto	D	√	√	√	√	√				1 - 2	voided or catheterized urine - do not use first morning	Sterile capped container	Send on ice	
Cytology, Washings	Cyto	D	√	√	√	√	√				1 - 2		Sterile capped container		Call cytology
Electron Microscopy	EM	D	√	√	√	√	√				3	Consult with surgical pathologist	Gluteraldehyde		Call EM lab for fixative



Lab Production Schedule: Flow Cytometry

Test Name	Dept	Shift	Days of the Week Performed							Cutoff Time	Usual TAT (Days)	Desired Volume (mL)	Container	Shipping Stabilities	Comments
			M	T	W	T	F	S	S						
BCelSubs	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available. T cell subsets must be ordered with this test. - Call FLOW lab 317.491.6550
CD4TF/UP	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
CD4TINTL	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
CD4 Derm	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
Con Trans	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
Leuk/Lym	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 7 ml bone marrow; tissue, FNA and body fluids	Green (Sodium Heparin) and Lavender (EDTA); transport refrigerated tissue, FNA and body fluids in RPMI	Room Temp (blood and bone marrow); refrigerated (tissue, FNA and body fluid)	Include CBC results or an order for CBC with EDTA tube - Call FLOW lab 317.491.6550
Leukocytes Adhesion Defect	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
Lympheno	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
CD3 Pnl	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
Paroxysmal Nocturnal Hemoglobinuria	Flow	D	√	√	√	√	√				1 - 3	7 ml blood	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550
TCelSubs	Flow	D	√	√	√	√	√				1 - 3	7 ml blood; 3 ml minimum	Green (Sodium Heparin) and Lavender (EDTA)	Room Temp	Include CBC results if available - Call FLOW lab 317.491.6550

