

AFTERHOUR HANDLING OF NON-GEN LAB SPECIMENS

1. Check Order Result Viewer (ORV) or EPIC to see all orders placed for the specimen. If you are unsure about the orders or what the order is, please call the on-call pathologist.
2. Always use sterile technique especially if splitting specimens for multiple orders. See table below for handling if there is only one specimen submitted.
3. If there is not enough specimen for all the requested tests, please consult with the ordering provider to determine which tests have priority and should be set up first based on the limited specimen availability.
4. This is a general guideline, and not inclusive for all tests. Refer to the Legacy Test guide or referral lab test guide for specific handling for a test.

Department	Hours	After hour staff availability	Phone number
Cytology	M – F 05:00 – 19:00	N/A	503.413.5094
Cytogenetic	M – F 07:00 – 16:30	CYG: Sat, Sun, holidays Variable day shift	503.413.4613
FISH		FISH: On-call Sat	503.413.7441
FLOW	M – F 08:00 – 16:30	N/A	503.413.7358
Site Pathology	On-call Pathologist	Refer to Pathology Schedule	Refer to Pathology Schedule

KEY	
Pink	Room Temperature - RmT
Green	Refrigerated - RFG
Blank	Legacy Lab department does not perform testing for this specimen type

Specimen	Cytology	Cytogenetics	FISH	Flow	Pathology	Orders	Comment
Amniotic Fluid		Min: 20.0 mL unspun, sterile	If patient has FISH, send to Cytogenetics to share			Cytogenetics: CHROMOSOME ANALYSIS AMNIOTIC FLUID	**If only one container is received, please send to Cytogenetics first. Transport needs to be room temp for Cytogen/FISH
		Transport PRIORITY RmT	Transport PRIORITY RmT			FISH: Refer to test table	
Body Fluid (pericardial, peritoneal, ascites, pleural abdominal fluid, pelvic fluid)	Submit original container			15.0-30.0 mL well-mixed sample in Sterile container	See Cytology	Cytology: CYTO BF	**If several containers were collected, submit the “cloudiest” container. Enter the total volume of all the containers received in the lab. If only one container is received, send to FLOW first if there are FLOW orders present. For Micro orders, refer to Micro setup guideline
	Transport Routine RFG			Transport PRIORITY RmT		Flow: FLOW CYTOMETRY STUDIES	

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Specimen	Cytology	Cytogenetics	FISH	Flow	Pathology	Orders	Comment
Bone Marrow aspirate or bx		NaHeparin (dk green) Min: 2 mL	NaHeparin or K2EDTA Min: 2 mL	K2EDTA Min: 2 mL	bx & clot should be in separate containers of neutral buffered formalin	Cytogenetics: CHROMOSOME ANALYSIS BONE MARROR FOR HEMATOLOGIC STUDIES	Please send sample even if minimum volume is not collected. Sample rejection will be done by the testing department if necessary. If there is limited bone marrow aspirate specimen (less than one mL), specimen should go to FLOW first. Specimen will be split by FLOW.
		Transport PRIORITY RmT	Transport PRIORITY RmT	Transport PRIORITY RmT		Flow: FLOW CYTOMETRY STUDIES Path: AP BM SPEC	
Cerebral Spinal Fluid (CSF)	2 mL Unspun, sterile container Min: 0.5 mL			CSF cell pellet suspended in 2 mL of RPMI*	See Cytology	Cytology: CYTO CSF	If only one tube has been collected, AND If FLOW is ordered, send to FLOW first. FLOW will split the specimen if CYTO has been ordered.
	Transport Routine RFG			Transport PRIORITY RmT		Flow: FLOW CYTOMETRY STUDIES	
Fine Needle Aspirate (FNA)	Cytolyt Transport Routine RFG			RPMI Transport Routine RmT		Cytology: CYTO FNA Flow: FLOW CYTOMETRY STUDIES	*Contact on-call pathologist if there are questions about handling

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Specimen	Cytology	Cytogenetics	FISH	Flow	Pathology	Orders	Comment
Urine	100.0 mL Unspun sterile container Min: 10.0 mL		See Urovysion in Legacy Test Table		See Cytology	Cytology: CYTO URINE	
	Transport Routine RFG		Transport Routine RFG			FISH: UROVYSION	
Products of Conception (POC)		~ 1.0 cumm RPMI or sterile saline NO FORMALIN			Add RPMI or sterile saline. Place specimen in refrigerator. Do NOT add formalin if specimen will be possibly shared with Cytogenetics	Cytogenetics: CHROMOSOMAL ANALYSIS OF PRODUCT S OF CONCEPTION OR STILL BIRTH	IF only ONE specimen -Do not split the specimen and DO NOT ADD FORMALIN . Specimen should go to Cytogenetics first and Cytogenetics will split the specimen. Contact the Cytogenetics 503.413.4613 and leave a voicemail. NOTE: If the POC has formalin, then the specimen cannot be used for Cytogenetics.
						Pathology: AP SPEC	
		Transport PRIORITY RFG				Transport PRIORITY RFG	
Tissue (tumor, mass or lesion)	See Comments For Pathology	*Sterile handling* RPMI or sterile Saline No FORMALIN		* ~ 1 cumm (pea size) in 5-10 mL RPMI	Orders: CHROMOSOMAL ANALYSIS SOLID TUMORS FLOW CYTOMETRY STUDIES AP SPEC	Pathology: Do not split the specimen. If only one specimen was submitted, it should go to Pathology first. ➤ If the specimen is received in formalin – send to Pathology routine. ➤ If the specimen is In RPMI – goes to FLOW first. ➤ If the specimen is Fresh – Add RPMI or saline, and place in the refrigerator. Call the on-call pathologist if it is on the weekend and have questions	
		Transport PRIORITY RmT		Transport PRIORITY RmT			

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Related Procedures:

CYP.0130 Cytology Non-Gynecological Specimen Handling Guidelines

CYP.0101 Cytogenetics Specimen Handling

CYP.0102 Shared Specimens for Cytogenetics, FISH and Flow Cytometry

FCM.0806 Flow Specimen Handling

HIST.1107 Transferring Pathology Specimens

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