









Surgically Collected Cultures-Quick Reference Guide 38.15.T02

Collection and ordering:

- Each specimen submitted for lab testing requires having an order; otherwise, it may be lost (i.e. order number used for tracking).
- The test order(s) and each corresponding specimen must include culture type, source and any specific descriptions.
- When possible, place the test order label(s) on the corresponding specimen container.
- Please call the Microbiology Department with any questions (701-234-2112).

Source	Type	Test	Order Code	Specimen (DO NOT ADD FORMALIN)	Quantity	Stability	Final Result
Multiple	Aspirate Fluid Tissue Bone	Culture Bacterial, other with Gram Stain	MICR0032 (Aerobic only)	<p>Aspirates, Sterile body fluids and Tissue in a sterile container.</p>  <p>Aerobic* transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).</p>	<p>Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests.</p> <p>Two separate swabs are required if bacterial and fungal cultures are ordered (swabs not recommended).</p>	<p>Sterile container: 2 h</p> <p>Aerobic swabs: 48 h</p>	3-5 days
Multiple	Aspirate Fluid Tissue Bone	Culture Bacterial, other (Does not include Gram stain)	MICR0003 (Aerobic only)	<p>Surgically removed hardware including Pacemaker leads, valves, and ports in a sterile container.</p> 		Sterile container: 2 h	3-5 days

Source	Type	Test	Order Code	Specimen (DO NOT ADD FORMALIN)	Quantity	Stability	Final Result
Shoulder Knee Hip Ankle Elbow Toe Synovial Joint-Request at Optimization to be added.	Aspirate Fluid Tissue	Orthopedic Extended Incubation Culture with Gram Stain	MICR0046 (Aerobic and anaerobic culture included in test code)	Aspirates, Sterile body fluids and Tissue in a sterile container.  Anaerobic** transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests. Two separate swabs are required if bacterial and fungal cultures are ordered (swabs not recommended).	Sterile container: 2 h Anaerobic transport swab: 48 h	Culture held for 14 days.
Multiple	Aspirate Fluid Tissue Bone	Culture Bacterial, Anaerobe	MICR0009 (Anaerobic only)	Aspirates, Sterile body fluids and Tissue in a sterile container.  <u>Anaerobic</u> ** transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).	If this is the only existing culture order, MICR0032 (Aerobic culture) will be added.	Sterile container: 2 h Anaerobic transport swab: 48 h	5-7days
Multiple	Aspirate Fluid Tissue Bone	Culture, Actinomyces	MICR5009	Aspirates, Sterile body fluids and Tissue in a sterile container.  Anaerobic** transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests	Sterile container: 2 h	Culture held for 14 days.

Source	Type	Test	Order Code	Specimen (DO NOT ADD FORMALIN)	Quantity	Stability	Final Result
Multiple	Aspirate Fluid Tissue Bone	Culture, Acid Fast Bacillus with Stain	MICR0019	Do not submit specimens on swabs. They will be rejected Aspirate, sterile body fluid or Tissue <u>in a sterile container.</u> 	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests	Sterile container: 2h	Culture held for 8 weeks
Multiple	Aspirate Fluid Tissue Bone	Culture, Fungal	MICR0023	Aspirate, Sterile body fluid or Tissue in a sterile container.  Aerobic* or anaerobic** transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests Two separate specimens are required if bacterial and fungal cultures are ordered.	Sterile container: 2h Transport swab: 48h	4 to 6 weeks
Multiple	Aspirate Fluid Tissue Bone	Culture, Nocardia	MICR5000	Aspirate, Sterile body fluid or Tissue in a sterile container.  Aerobic* or anaerobic** transport swab acceptable (Not recommended. DO NOT select tissue as specimen type/source).	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests	Sterile container: 2h	Culture held for 2 weeks

*Aerobic transport swab:



*Anaerobic Transport swab:



Surgically Collected Specimen for Pathology/Cytology review-Quick Reference Guide

Collection and ordering:

- Each specimen submitted for lab testing requires having an order; otherwise, it may be lost (i.e. order number used for tracking).
- The test order(s) and each corresponding specimen must include descriptions and any clinical history/special instructions.
- When possible, place the test order label(s) on the corresponding specimen container.
- See Lab Test Catalog for further instructions: <https://sanfordlabfargo.testcatalog.org/>
- Please call the Pathology Department with any questions (701-234-2101).
- Please call the Cytology Department with cytology questions (701-280-4877).

Source	Type	Test	Order Code	Specimen	Quantity	Stability	Final Result	RN to use dotphrase
Multiple	Tissue	Tissue Exam aka: Pathology	<p>PATH1006</p> <p>Use PATH1012 for POC, Fetal Demise, or Stillborn</p>	Any surgically removed tissue must be sent to pathology	<p>Entire specimen collected</p> <p>If specimen is to be shared with other tests: indicate in order comment and place other orders as appropriate and call lab for awareness</p> <p>- <u>Frozen Sections</u>: no additional order: indicate on specimen and call pathology</p> <p>- <u>Chromosome Analysis</u>: NBLD0496</p> <p>- Lymphoma Protocol: Tissue Exam & LBOR0151- select both in Test field & enter dotphrase.</p> <p>- <u>Crystals Analysis</u>: indicate in comment of order</p> <p>- <u>Microbiology</u>: appropriate micro order</p>	<p>To assist the lab in processing please note in comment of order:</p> <p>DO NOT PLACE FORMALIN ON THE FOLLOWING TESTS:</p> <ul style="list-style-type: none"> - Frozen Sections - Chromosome Analysis - Lymphoma Protocol - Crystals Analysis - Any specimen that needs to share with Microbiology for cultures <p>All other specimens must be placed in formalin ASAP</p>	2-5 days	Lymph Node Protocol use: .SHLNP

Source	Type	Test	Order Code	Specimen	Quantity	Stability	Final Result	RN to use dotphrase
POC FETUS PLACENTA UTERUS	Tissue	POC/FETAL DEMISE/SILLBORN EXAMINATION	PATH1012	Products of Conception, Fetal Demise, or Stillborn (only <20 weeks gestation)	Entire POC, Fetal Demise, or Stillborn	NO FORMALIN IF CHROMOSOME TESTING IS ALSO ORDERED Send to lab ASAP	2-5 days	Products of Conception use: .SHPOC
Cannot order at this time. Chorionic Villi- Requested for Pathology Optimization	Tissue	Chromosome Analysis, Chorionic Villus Sampling	NBLD0496 (Reason for Referral) Must be ordered with PATH1012 only if <20 weeks gestation	Products of Conception, Fetal Demise/Stillb orn (only <20 weeks gestation), or placenta Fresh only (no formalin)	Appropriate specimen transferred from POC, fetus/still born, or placenta into Hank's solution by pathologist	NO FORMALIN Must be placed into Hank's solution by lab ASAP. Call Pathologist on call if after hours	9 days	
Lymph Node Bronchial Washings Bone Marrow Cerebrospinal Fluid BAL (Bronchial Alveolar Lavage) Pleural	Tissue Fluid Aspirate	Flow Cytometry Aka: Lymphoma protocol	LBOR0151	Tissue/FNA, Peripheral Blood Bone Marrow Body Fluid	2mL sample	NO FORMALIN 72 hrs in proper media: <u>Tissue/FNA:</u> Must be placed into RPMI solution by lab ASAP <u>Peripheral Blood:</u> EDTA tube <u>Bone Marrow:</u> NA Hep tube <u>Body Fluid:</u> Sterile container	1-3 days M-R ONLY (cut - off for test setup is Friday at noon).	

Source	Type	Test	Order Code	Specimen	Quantity	Stability	Final Result	RN to use dotphrase:
Multiple	Fluid	Cytology, Body Fluid/Other	PATH1002	Serous Effusions (pleural, pericardial, peritoneal), Bile Duct, Bile Duct Brushing, Hepatobiliary Brushing, Biliary Stricture Malignancy, Cholangiocarcinoma	Preferred Volume: <u>Body Fluids</u> (pleural, pericardial, peritoneal/ascites): up to 200 mL specimen <u>CSF</u> : all specimen collected <u>Other Fluids/brushings</u> : up to 100 mL specimen	1 day (without fixative)	2-5 days	
Bronchial Washing Bronchial Brushing BAL (Bronchial Alveolar Lavage)	Fluid	Cytology Pulmonary	PATH1009	Bronchial Brushing, Bronchial Washing, Bronchial Lavage	Brushing: <u>For Infection</u> : cut brush tip off and place in properly labeled 120 ml sterile specimen container. Add enough sterile saline to cover the brush specimen (up to 30 mL) to the container <u>Malignancy Only (no culture)</u> : cut brush tip off and place in prefilled CytoLyt container Washing or Lavage: Preferred 100mL (minimum 10mL)	1 day (without fixative)	2-5 days	
Source	Type	Test	Order Code	Specimen	Quantity	Stability	Final	

							Result	
Adrenal Gland [3] Bile Duct [325] Breast [19] Lung [95] Lymph Node [96] Pancreas [121] Parotid Gland [304] Thyroid [256] Transbronchial Fine Needle Aspiration [294] Other - Specify in Comments section [236] Cyst [215] Bursa [366] Ganglion [367] Ovary [339] Liver [93] Kidney [85] Neck [111] Salivary Gland [251]	Fluid	Cytology, Fine Needle Aspiration	PATH1001	Synovial Fluid- Requested to be added. Nipple Aspiration- Requested to be added. Ductal Lavage, Cyst Aspiration, Breast Cyst Aspiration, Superficial Solid Mass FNA (any body site)	Entire specimen collected	NO FORMALIN or 95% ETHANOL 1 day (without fixative) <u>Fixation:</u> Specimen must be placed into prefilled CytoLyt collection vial If CytoLyt not available: place into sterile cup and add 50% ethanol in a 1:1 ratio to specimen	2-5 days	
Nerve	Tissue	Tissue Biopsy Sendout, Nerve	NBLD0546	Nerve specimen special collection for send out	At least 5cm long segment Follow Mayo "Nerve Biopsy Specimen Preparation Instruction"	Gross lab must be notified 2 weeks before collection to obtain proper kit. Only collect on Monday, Tuesday, Wednesday from 8-11am	7-10 days	
Muscle	Tissue	Tissue Biopsy Sendout, Muscle	NBLD0547	Muscle Biopsy special collection for send out	Adult: 1.5 x 0.5cm biopsy Pediatric: 2 pieces at least 1.5x1.5x1.5cm	Gross lab must be notified 2 weeks before collection to obtain proper kit. Only collect on Monday, Tuesday, Wednesday from 8-11am	4-15 days	
Source	Type	Test	Order Code	Specimen	Quantity	Stability	Final	

							Result	
Kidney	Tissue	Tissue Biopsy Sendout, Renal	NBLD0543	Renal Biopsy special collection for send out	3 biopsy cores into specified media. Must call pathology to assist in collection.	Gross lab must be notified when there is a renal biopsy scheduled	5 days	