









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

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

							Result
Multiple	Aspirate Fluid Tissue Bone	Culture, Acid Fast Bacillus with Stain	MICR0019	<p><b>Do not submit specimens on swabs. They will be rejected</b></p> <p>Aspirate, sterile body fluid or Tissue <u>in a sterile container.</u></p> 	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	<p><b>Do not submit specimens on swabs. They will be rejected.</b></p> <p>Aspirate, Sterile body fluid or Tissue in a sterile container.</p> 	<p>Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests</p> <p>Two separate specimens are required if bacterial and fungal cultures are ordered.</p>	Sterile container: 2h	4 to 6 weeks
Multiple	Aspirate Fluid Tissue Bone	Culture, Nocardia	MICR5000	<p>Aspirate, Sterile body fluid or Tissue in a sterile container.</p>  <p>Eswab* (Not recommended) DO NOT select tissue as specimen type/source).</p>	Aspirate, Sterile body fluid or Tissue in a sterile container can be split among tests	<p>Sterile container: 2h</p> <p>Eswab*: 48h</p>	Culture held for 2 weeks

\*Eswab:



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## 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><b>PATH1006</b></p> <p>Use <b>PATH1012</b> for POC, Fetal Demise, or Stillborn</p>	Any surgically removed tissue must be sent to pathology	<p><b>Entire specimen collected</b></p> <p><b>If specimen is to be shared with other tests: indicate in order comment and place other orders as appropriate and call lab for awareness</b></p> <p>- <u>Frozen Sections</u>: no additional order: indicate on specimen and call pathology</p> <p>- <u>Chromosome Analysis</u>: NBLD0496</p> <p>- <b>Lymphoma Protocol:</b> Tissue Exam &amp; LBOR0151- select both in Test field &amp; 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><b>DO NOT PLACE FORMALIN ON THE FOLLOWING TESTS:</b></p> <ul style="list-style-type: none"> <li>- Frozen Sections</li> <li>- Chromosome Analysis</li> <li>- Lymphoma Protocol</li> <li>- Crystals Analysis</li> <li>- Any specimen that needs to share with Microbiology for cultures</li> </ul> <p><b>All other specimens must be placed in formalin ASAP</b></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	<b>NO FORMALIN IF CHROMOSOME TESTING IS ALSO ORDERED</b>  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	<b>NBLD0496 (Reason for Referral)</b>  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	<b>NO FORMALIN</b>  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	<b>NO FORMALIN</b>  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	<b>Preferred Volume:</b> <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	<b>Brushing:</b> <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  <b>Washing or Lavage:</b> Preferred 100mL (minimum 10mL)	1 day (without fixative)	2-5 days	
<b>Source</b>	<b>Type</b>	<b>Test</b>	<b>Order Code</b>	<b>Specimen</b>	<b>Quantity</b>	<b>Stability</b>	<b>Final</b>	

							<b>Result</b>	
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]	<b>Fluid</b>	<b>Cytology, Fine Needle Aspiration</b>	<b>PATH1001</b>	<b>Synovial Fluid-</b> Requested to be added.  <b>Nipple Aspiration-</b> Requested to be added.  <b>Ductal Lavage, Cyst Aspiration, Breast Cyst Aspiration, Superficial Solid Mass FNA (any body site)</b>	<b>Entire specimen collected</b>	<b>NO FORMALIN or 95% ETHANOL</b>  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	<b>Tissue</b>	<b>Tissue Biopsy Sendout, Nerve</b>	<b>NBLD0546</b>	<b>Nerve specimen special collection for send out</b>	<b>At least 5cm long segment Follow Mayo "Nerve Biopsy Specimen Preparation Instruction"</b>	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	<b>Tissue</b>	<b>Tissue Biopsy Sendout, Muscle</b>	<b>NBLD0547</b>	<b>Muscle Biopsy special collection for send out</b>	<b>Adult:</b> 1.5 x 0.5cm biopsy <b>Pediatric:</b> 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	
<b>Source</b>	<b>Type</b>	<b>Test</b>	<b>Order Code</b>	<b>Specimen</b>	<b>Quantity</b>	<b>Stability</b>	<b>Final</b>	

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