

# STANTON TERRITORIAL HEALTH AUTHORITY


## Yellowknife, Northwest Territories

<b>TITLE: Mycobacteria Sample Collection Guide</b>	<b>Revision Date:</b> 07-April-2017	<b>Issue Date:</b> 07-April-2015
<b>Document Number: MIC80100</b>	<b>Status: <span style="color: red;">Approved</span></b>	
<b>Distribution: Mycobacteria Manual</b>	<b>Page: 1 of 2</b>	
<b>Approved by:</b> Gloria Badari, Director, Corporate Services and Chief Financial Officer	<b>Signed by:</b> <b>(Original Signed Copy in Microbiology)</b>	

### PURPOSE:

To standardize the collection of samples for Mycobacteria culture. Stanton Hospital Lab follows the sample collection guidelines outlined in the Alberta Provincial Lab Guide to Services ([www.provlab.ab.ca/guide-to-services.pdf](http://www.provlab.ab.ca/guide-to-services.pdf) ). Please view the link for detailed sample collection and transport requirements. Additional reference for Mycobacteria practises is the NWT Tuberculosis Manual (link: [www.hss.gov.nt.ca](http://www.hss.gov.nt.ca) )

*Note: If multiple tests are required, please submit multiple collection containers per test required.*

SAMPLE COLLECTION CHART		
Specimen collection requirements	Collection container:	Sample transport:
Sputum: 2 → 10 mL 3 sputum samples should be collected (individually, not pooled) for optimal Mycobacteria recovery.	Sterile <b>orange top</b> container 	All samples for AFB should be <b>refrigerated</b> after collection and during transport to lab.
Urine: 10- 40 mL (1 <sup>st</sup> morning is best)		
Fluids: 5 → 10 mL (BAL, bronch wash, pleural, synovial, etc)		
Bone chips, tissue, biopsy samples – do <b>NOT</b> place in formalin		
Stool		
Gastric Washings (may be collected from patients that cannot produce sputum).	Phosphate buffer kit (available from the lab). Must be placed in buffer within 4 hours of collection.	
Blood in SPS, citrate or heparin: >5 mL	Yellow top SPS vacutainer. Heparin (Li, Na) or Citrate acceptable. EDTA unacceptable.	
Bone marrow in SPS: 1 → 5 mL	Yellow top SPS vacutainer.	
CSF >1mL	Sterile screw top container.	
Swabs (wound), <b>not</b> from nose or throat.	Swabs in Amies may be submitted. Do <b>not</b> collect into anaerobic media.	

**NOTE: This is a CONTROLLED document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.**

FILENAME: MIC80100 Mycobacteria Sample Collection Guide

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**REFERENCES & RELATED DOCUMENTS:**

Alberta Health Services ProvLab. (2014, December). *Guide to Services* . Retrieved from Guide To Services: <http://www.provlab.ab.ca/guide-to-services.pdf>

Northwest Territories Health and Social Services. (2014). *NWT Tuberculosis Manual*. Yellowknife: Northwest Territories Health and Social Services.

**REVISION HISTORY:**

REVISION	DATE	Description of Change	REQUESTED BY
1.0	17-DEC-14	Initial Release	L. Driedger
	03Feb2015	Review	S. Webber