

**MYCOBACTERIOLOGY CULTURE NHLS PROFICIENCY TESTING SCHEME  
 PARTICIPANTS RESPONSE**

**Please make sure all the following details are completed, submission without a laboratory code will not be evaluated  
 if you are unsure, please request your laboratory code via [tbpts@nhls.ac.za](mailto:tbpts@nhls.ac.za)**

<b>Survey No:</b>	01 - 2021	<b>Closing Date:</b>	04 June 2021
<b>Shipment Date:</b>	06 - 09 Apr 2021	<b>Receipt Date of PT Samples:</b>	
<b>Laboratory Code:</b>		<b>Submission Date Response:</b>	
		<b>Laboratory telephone number:</b>	
<b>SAMPLE</b>	<b>CLINICAL DETAIL</b>	<b>RESULT</b>	<b>METHOD USED</b>
<b>Mycobacteriology</b>  <b>SAMPLE 1</b>	<i>Emaciated patient with persistent cough for more than 4 weeks</i> <b>Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity, perform identification and susceptibility.</b>	<b>Culture:</b> Negative <input type="checkbox"/> Positive <input type="checkbox"/> Time to positivity : <b>Ziehl Neelson (ZN) Stain Results:</b> Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/> <b>Identification:</b> MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/> Not routinely performed <input type="checkbox"/> <b>Final Identification:</b> _____  Susceptibility testing <b>not routinely</b> performed : <input type="checkbox"/> Susceptibility testing performed : <input type="checkbox"/> Streptomycin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/> Isoniazid : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/> Rifampicin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/> Ethambutol : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/>	<b>Culture:</b>  <b>MTB Complex Antigen Test:</b>  <b>Identification:</b>  <b>Susceptibility Testing:</b>

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 2

Survey: 0121

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
<p>Mycobacteriology</p> <p><b>CULTURE</b></p> <p><b>SAMPLE 2</b></p>	<p><i>Young girl from informal settlement with chest pains and a cough for more than 5 weeks</i></p> <p><b>Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity and perform identification.</b></p>	<p><b>Culture:</b> Negative <input type="checkbox"/></p> <p>Positive <input type="checkbox"/> Time to positivity :</p> <p><b>Ziehl Neelson (ZN) Stain Results:</b> Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/></p> <p><b>Identification:</b> MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/></p> <p>Not routinely performed <input type="checkbox"/></p> <p><b>Final Identification:</b> _____</p> <p>Susceptibility testing <b>not routinely</b> performed : <input type="checkbox"/></p> <p>Susceptibility testing performed : <input type="checkbox"/></p> <p>Streptomycin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Isoniazid : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Rifampicin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Ethambutol : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p>	<p><b>Culture:</b></p> <p><b>MTB Complex Antigen Test:</b></p> <p><b>Identification:</b></p> <p><b>Susceptibility Testing:</b></p>

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 3

Survey: 0120

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
<p><b>Mycobacteriology</b></p> <p><b>CULTURE</b></p> <p><b>SAMPLE 3</b></p>	<p><i>Nurse at TB hospital with a cough for more than 3 weeks and loss of appetite</i></p> <p><b>Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity, perform identification and susceptibility.</b></p>	<p><b>Culture:</b> Negative <input type="checkbox"/></p> <p>Positive <input type="checkbox"/> Time to positivity :</p> <p><b>Ziehl Neelson (ZN) Stain Results:</b> Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/></p> <p><b>Identification:</b> MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/></p> <p>Not routinely performed <input type="checkbox"/></p> <p><b>Final Identification:</b> _____</p> <p>Susceptibility testing <b>not routinely</b> performed : <input type="checkbox"/></p> <p>Susceptibility testing performed : <input type="checkbox"/></p> <p>Streptomycin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Isoniazid : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Rifampicin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Ethambutol : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p>	<p><b>Culture:</b></p> <p><b>MTB Complex Antigen Test:</b></p> <p><b>Identification:</b></p> <p><b>Susceptibility Testing:</b></p>

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 4

Survey: 0121

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
<p><b>Mycobacteriology</b></p> <p><b>CULTURE</b></p> <p><b>SAMPLE 4</b></p>	<p>A middle aged woman with belly pain, diarrhea and high fever.</p> <p><b>Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity and perform identification</b></p>	<p><b>Culture:</b> Negative <input type="checkbox"/></p> <p>Positive <input type="checkbox"/> Time to positivity :</p> <p><b>Ziehl Neelson (ZN) Stain Results:</b> Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/></p> <p><b>Identification:</b> MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/></p> <p>Not routinely performed <input type="checkbox"/></p> <p><b>Final Identification:</b> _____</p> <p>Susceptibility testing <b>not routinely</b> performed : <input type="checkbox"/></p> <p>Susceptibility testing performed : <input type="checkbox"/></p> <p>Streptomycin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Isoniazid : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Rifampicin : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p> <p>Ethambutol : Resistant <input type="checkbox"/> Sensitive <input type="checkbox"/> Not routinely tested <input type="checkbox"/></p>	<p><b>Culture:</b></p> <p><b>MTB Complex Antigen Test:</b></p> <p><b>Identification:</b></p> <p><b>Susceptibility Testing:</b></p>

Please return the completed survey questionnaire before the closing date to **fax:** +27 (0) 86 225 2458 or **email:** [tbpts@nhls.ac.za](mailto:tbpts@nhls.ac.za)