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**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**

Survey No:	01 - 2023	Closing Date:	04 Aug 2023
Shipment Date:	05 – 09 June 2023	Receipt Date of PT Samples:	
Laboratory Code:		Submission Date Response:	
		Laboratory telephone number:	
SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology SAMPLE 1	A patient with cough for 6 months, fever and weight loss Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity and perform identification and susceptibility.	Culture: Negative <input type="checkbox"/> Positive <input type="checkbox"/> Time to positivity : Ziehl Neelson (ZN) Stain Results: Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/> Identification: MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/> Not routinely performed <input type="checkbox"/> Final Identification: _____ Susceptibility testing not routinely 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"/>	Culture: MTB Complex Antigen Test: Identification: Susceptibility Testing:

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 2

Survey: 0123

PAGE 2 of 4

SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology CULTURE SAMPLE 2	<i>A teenager is admitted presenting persistent cough for more than 4 weeks associated with loss of appetite.</i> Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity, perform identification and susceptibility.	Culture: Negative <input type="checkbox"/> Positive <input type="checkbox"/> Time to positivity : Ziehl Neelson (ZN) Stain Results: Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/> Identification: MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/> Not routinely performed <input type="checkbox"/> Final Identification: _____ Susceptibility testing not routinely 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"/>	Culture: MTB Complex Antigen Test: Identification: Susceptibility Testing:

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 3

Survey: 0123

PAGE 3 of 4

SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology CULTURE SAMPLE 3	<i>Young girl from informal settlement with chest pains and a cough for more than 4 weeks</i> Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity, perform identification and susceptibility.	Culture: Negative <input type="checkbox"/> Positive <input type="checkbox"/> Time to positivity : Ziehl Neelson (ZN) Stain Results: Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/> Identification: MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/> Not routinely performed <input type="checkbox"/> Final Identification: _____ Susceptibility testing not routinely 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"/>	Culture: MTB Complex Antigen Test: Identification: Susceptibility Testing:

LABORATORY CODE:

MYCOBACTERIOLOGY CULTURE SAMPLE 4

Survey: 0123

PAGE 4 of 4

SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology CULTURE SAMPLE 4	<i>A child with chronic lymphadenitis</i> Prepare a 0.5 McFarland suspension of the isolate and process using the decontamination method, report the time to positivity and perform identification	Culture: Negative <input type="checkbox"/> Positive <input type="checkbox"/> Time to positivity : Ziehl Neelson (ZN) Stain Results: Cords <input type="checkbox"/> Loose AFB <input type="checkbox"/> No AFB <input type="checkbox"/> Identification: MTB Complex Antigen test result: Positive <input type="checkbox"/> Negative <input type="checkbox"/> Not routinely performed <input type="checkbox"/> Final Identification: _____ Susceptibility testing not routinely 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"/>	Culture: MTB Complex Antigen Test: Identification: Susceptibility Testing:

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

Portal <http://ptschemes.nhls.ac.za/>