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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:	03 - 2021	Closing Date:	28 Jan 2022
Shipment Date:	01 – 05 Nov 2021	Receipt Date of PT Samples:	
Laboratory Code:		Submission Date Response:	
		Laboratory telephone number:	
SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Young male with a cough for more than 2 months and	Culture: Negative	Culture:
SAMPLE 1	associated weight loss. Prepare a 0.5 McFarland	Positive Time to positivity :	
	suspension of the isolate	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
	and process using the decontamination method,	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	MTB Complex Antigen
	report the time to positivity and perform identification	Not routinely performed□	Test:
	and susceptibility.	Final Identification:	
			Identification:
		Susceptibility testing not routinely performed :	
		Susceptibility testing performed :	
		Streptomycin: Resistant ☐ Sensitive ☐ Not routinely tested ☐	Susceptibility Testing:
		Isoniazid : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Rifampicin : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Ethambutol : Resistant ☐ Sensitive ☐ Not routinely tested ☐	

LABORATORY CODE: MYCOBACTERIOLOGY CULTURE SAMPLE 2

Survey: 0321

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	A teenager is admitted presenting	Culture: Negative	Culture:
	persistent cough for more than 4	_	
CULTURE	weeks associated with loss of	Positive Time to positivity :	
	appetite.	TO LANGUE OF THE OFFICE AFRICATION AFRICA	
SAMPLE 2	Prepare a 0.5 McFarland suspension	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
	of the isolate and process using the decontamination method, report the	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	
	time to positivity, perform	Identification: With Complex Antigentest result. Ositive Negative	MTB Complex Antigen
	identification and susceptibility.	Not routinely performed□	Test:
	and out of the same of the sam	, , ,	
		Final Identification:	
			Identification:
		Susceptibility testing not routinely performed :	
		Susceptibility testing performed :	
		Susceptibility testing performed .	
		Streptomycin: Resistant ☐ Sensitive ☐ Not routinely tested ☐	Susceptibility Testing:
		Isoniazid : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Rifampicin : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Thirdingloin The sistant Deficitive Differ Toutinely tested D	
		Ethambutol : Resistant ☐ Sensitive ☐ Not routinely tested ☐	

LABORATORY CODE:	MYCOBACTERIOLOGY CULTURE SAMPLE 3

Survey: 0321

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Young girl from informal	Culture: Negative	Culture:
CULTURE	settlement with chest pains and a cough for more than 3 weeks Prepare a 0.5 McFarland	Positive Time to positivity :	
SAMPLE 3	suspension of the isolate and process using the	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
	decontamination method, report	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	MTB Complex Antigen
	the time to positivity, perform identification and	Not routinely performed☐	Test:
	susceptibility.	Final Identification:	
			Identification:
		Susceptibility testing not routinely performed :	
		Susceptibility testing performed :	Susceptibility Testing:
		Streptomycin: Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Isoniazid : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Rifampicin : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Ethambutol : Resistant ☐ Sensitive ☐ Not routinely tested ☐	

LABORATORY CODE:	MYCOBACTERIOLOGY CULTURE SAMPLE 4

Survey: 0321

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Farmer with skin infections.	Culture: Negative	Culture:
	Prepare a 0.5 McFarland		
CULTURE	suspension of the isolate and	Positive Time to positivity :	
SAMPLE 4	process using the decontamination method, report the time to positivity and	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
	perform identification	Identification: MTB Complex Antigen test result: Positive ☐ Negative ☐	MTB Complex
		Not routinely performed□	Antigen Test:
		Final Identification:	
		Susceptibility testing not routinely performed :	Identification:
		Susceptibility testing performed :	
		Streptomycin: Resistant ☐ Sensitive ☐ Not routinely tested ☐	Susceptibility Testing:
		Isoniazid : Resistant ☐ Sensitive ☐ Not routinely tested ☐	3
		Rifampicin : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Ethambutol : Resistant ☐ Sensitive ☐ Not routinely tested ☐	

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