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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 tobalcac.za

Survey No:	01 - 2021	Closing Date:	04 June 2021
Shipment Date:	06 - 09 Apr 2021	Receipt Date of PT Samples:	
Laboratory Code:		Submission Date Response:	
		Laboratory telephone number:	
SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Emaciated patient with persistent cough for more	Culture: Negative	Culture:
SAMPLE 1	than 4 weeks	Positive Time to positivity :	
	Prepare a 0.5 McFarland 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, perform	Not routinely performed□	Test:
	identification and	Final Identification:	
	susceptibility.		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: 0121

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Young girl from informal settlement	Culture: Negative	Culture:
	with chest pains and a cough for more	_	
CULTURE	than 5 weeks	Positive Time to positivity :	
	Prepare a 0.5 McFarland		
SAMPLE 2	suspension of the isolate and	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
	process using the	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	
	decontamination method, report	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	MTB Complex Antigen
	the time to positivity and perform	Not routinely performed□	Test:
	identification.	Not routinely performed.	
		Final Identification:	
		_	Identification:
		Susceptibility testing not routinely performed :	
		Our and the little at a series of a second s	
		Susceptibility testing performed :	
		Streptomycin: Resistant Sensitive Not routinely tested	Susceptibility Testing:
		Onephoniyon : The sistent Octobilive Not Toutinely tested	. , ,
		Isoniazid : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
1			
		Rifampicin : Resistant ☐ Sensitive ☐ Not routinely tested ☐	
		Ethambutol : Resistant Sensitive Not routinely tested	

LABORATORY CODE:	MYCOBACTERIOLOGY CULTURE SAMPLE 3

Survey: 0120

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	Nurse at TB hospital with a	Culture: Negative	Culture:
CULTURE	cough for more than 3 weeks and loss of appetite 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 the time to positivity, perform	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	MTB Complex Antigen Test:
	identification and	Not routinely performed☐	rest.
	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: 0121

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SAMPLE	CLINICAL DETAIL	RESULT	METHOD USED
Mycobacteriology	A middle aged woman with belly	Culture: Negative	Culture:
CULTURE	pain, diarrhea and high ever. Prepare a 0.5 McFarland	Positive Time to positivity :	
SAMPLE 4	suspension of the isolate and process using the	Ziehl Neelson (ZN) Stain Results: Cords☐ Loose AFB☐ No AFB☐	
OAIWI LE 4	decontamination method, report the time to positivity and	Identification: MTB Complex Antigen test result: Positive☐ Negative☐	MTB Complex
perform identificat	perform identification	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 ☐	
		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>