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2131

South Africa  **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**

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| **Survey No:** | **01 - 2022** | **Closing Date:** | **30 Jun 2022** |
| **Shipment Date:** | **02 – 06 May 2022** | ***Receipt* Date of PT Samples:** |  |
| **Laboratory Code:** |  | **Submission Date Response:** |  |
|  |  | **Laboratory telephone number:** |  |

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| **SAMPLE** | **CLINICAL DETAIL** | ***RESULT*** | **METHOD USED** |
| **Mycobacteriology****SAMPLE 1** | ***An immune compromised patient with persistent cough.* Prepare a 0.5 McFarland of the isolate and process using the decontamination method, report the time to positivity and perform identification and susceptibility.** | **Culture**: Negative [ ]    Positive [ ]  Time to positivity :**Ziehl Neelson (ZN) Stain Result**s: Cords[ ]  Loose AFB[ ]  No AFB [ ] **Identification:** MTB Complex Antigen test result: Positive[ ]  Negative[ ]  Not routinely performed[ ] **Final Identification**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Susceptibility testing **not routinely** performed : [ ]  Susceptibility testing performed : [ ]  Streptomycin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Isoniazid : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Rifampicin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ] Ethambutol : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  | **Culture:****MTB Complex Antigen Test:****Identification:****Susceptibility Testing:** |

**LABORATORY CODE: MYCOBACTERIOLOGY CULTURE SAMPLE 2**

 **Survey: 0122**

**PAGE 2 of 4**

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| **SAMPLE** | **CLINICAL DETAIL** | **RESULT** | **METHOD USED** |
| **Mycobacteriology****CULTURE****SAMPLE 2** | ***Nurse at TB hospital with a cough for more than 3 weeks and associated weight loss.*****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 [ ]    Positive [ ]  Time to positivity :**Ziehl Neelson (ZN) Stain Result**s: Cords[ ]  Loose AFB[ ]  No AFB [ ] **Identification:**  MTB Complex Antigen test result: Positive[ ]  Negative[ ]  Not routinely performed[ ] **Final Identification**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Susceptibility testing **not routinely** performed : [ ]  Susceptibility testing performed : [ ]  Streptomycin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Isoniazid : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Rifampicin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ] Ethambutol : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  | **Culture:****MTB Complex Antigen Test:****Identification:****Susceptibility Testing:** |

**LABORATORY CODE: MYCOBACTERIOLOGY CULTURE SAMPLE 3**

 **Survey: 0122**

**PAGE 3 of 4**

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| **SAMPLE** | **CLINICAL DETAIL** | **RESULT** | **METHOD USED** |
| **Mycobacteriology****CULTURE****SAMPLE 3** | ***A teenager is admitted presenting persistent cough for more than 4 weeks associated with loss of appetite.*****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 [ ]    Positive [ ]  Time to positivity :**Ziehl Neelson (ZN) Stain Result**s: Cords[ ]  Loose AFB[ ]  No AFB [ ] **Identification:**  MTB Complex Antigen test result: Positive[ ]  Negative[ ]  Not routinely performed[ ] **Final Identification**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Susceptibility testing **not routinely** performed : [ ]  Susceptibility testing performed : [ ]  Streptomycin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Isoniazid : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Rifampicin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ] Ethambutol : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  | **Culture:****MTB Complex Antigen Test:****Identification:****Susceptibility Testing:** |

**LABORATORY CODE: MYCOBACTERIOLOGY CULTURE SAMPLE 4**

 **Survey: 0122**

**PAGE 4 of 4**

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| **SAMPLE** | **CLINICAL DETAIL** | **RESULT** | **METHOD USED** |
| **Mycobacteriology****CULTURE****SAMPLE 4** | ***A young female with destructive lung disease*****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 [ ]    Positive [ ]  Time to positivity :**Ziehl Neelson (ZN) Stain Result**s: Cords[ ]  Loose AFB[ ]  No AFB [ ] **Identification:**  MTB Complex Antigen test result: Positive[ ]  Negative[ ]  Not routinely performed[ ] **Final Identification**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Susceptibility testing **not routinely** performed : [ ]  Susceptibility testing performed : [ ]  Streptomycin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Isoniazid : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  Rifampicin : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ] Ethambutol : Resistant [ ]  Sensitive [ ]  Not routinely tested [ ]  | **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 or **email**: tbpts@nhls.ac.za