## **IDOH TB Sputum Collection Algorithm**



October 2024 **Initial IDOH Lab Result Smear Negative\* Smear Positive** 3 sputa Any positive result out of 3 sputa Collect 3 sputa if cul-**PCR Negative PCR** Positive ture results are negative for MTB (6-8 weeks) and clinical suspicion remains. **Culture Positive for** Collect 3 sputa if culture results are nega-**MTB** tive for MTB (6-8 weeks) and clinical sus-Continue to collect 3 sputa monthly and at picion remains. the end of the 8week initial treatment No growth phase until 2 consecutive sets are culture (2 sets) negative. Culture No growth **STOP Positive for** (2 sets) Culture **MTB Positive for** Clinical Case/ **MTB STOP** Provider Decision Culture of Non-TB Clinical Case/ Mycobacteria Provider (NTM) \* If clinical suspicion is high, a PCR may be Decision requested. Requests must be received within 7 days of receiving the negative **STOP** smear result.