



Tuberculosis Drug and Susceptibility Testing Training (MGIT DST – Liquid Method)

PROPOSED TRAINING SCHEDULE FOR MGIT DST FROM _____TO _

Time	Session	Facilitator
	DAY 1	
9:00-9:45	Welcome/opening remarks/ Introduction to goals,	
	objectives, expected results/ logistic announcements	
2.12.10.12	and tour of facility	
9:45-10:45	Pre-test	
10:45-11:15	BREAKFAST Direction (T)	
11:15-12:00	Biosafety in a DST laboratory (T)	
12:00-12:45	THINGH	
12:45-13:45	LUNCH	
13:45-14:30	General epidemiology of Tuberculosis (T)	
14:30-15:15	General epidemiology of Tuberculosis (T)	
15:15-15:30	BREAK	1
15:30-16:15	WHO recommendations for TB diagnosis and	
	algorithms (T)	
	DAY 2	
9:00-9:15	Recap of Day 1	
9:15-10:00	Principles of Drug resistance(T)	
10:00-10:45	BACTEC MGIT 960 DST quality control -T	
10:45-11:15	BREAKFAST	
11:15-12:00	BACTEC TM MGIT TM 960 culture positive, AFB	
	smear, and identification – T	
12:00-12:45	Inoculation and drug preparation for MGIT 960 DST	
	system -T	
12:45-13:45	LUNCH	
13:45-14:30	MGIT DST (reconstitution of BD lyophilized drugs	
	and drugs from other manufacturers)-P	
14:30-15:15	MGIT DST (reconstitution of BD lyophilized drugs	
	and drugs from other manufacturers)-P	
15:15-15:30	BREAK	1
15:30-16:15	MGIT DST (reconstitution of BD lyophilized drugs	
	and drugs from other manufacturers)-P	

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9:00-10:45			
9:00-10:45 Staff meeting I0:45-11:15 BREAKFAST I1:15-11:45 Recap of Day 2 11:45:12:30 MGIT DST (reconstitution of BD lyophilized drugs and drugs from other manufacturers)-P 12:30-12:45 QC for prepared MGIT DST drugs-P 12:45-13:45 LUNCH 13:45-14:30 MGIT Culture Lab Equipment (T) 4:30-15:15 MGIT Culture Lab Equipment (D) 15:15-15:45 BREAK 15:45-16:30 Isolate requirements for MGIT DST (T) 16:30-16:45 Isolate requirements for MGIT DST (T) 10:00-10:45 Isolate requirements for MGIT DST (T) 10:00-10:45 Isolate requirements for MGIT DST (T) 10:45-11:15 BREAKFAST 11:15-12:00 MGIT DST from liquid positive culture-P 12:00-12:45 MGIT DST from liquid positive culture-P 12:45-13:45 LUNCH 13:45-14:30 MGIT DST from liquid positive culture-P 14:30-15:15 MGIT DST from liquid positive culture-P 15:15-15:30 BREAK 15:30-16:15 MGIT DST from liquid positive culture-D DAY 5 9:00-9:15 Recap of Day 4 10:00-10:45 MGIT DST from solid positive culture-P 10:45-11:15 BREAKFAST 10:45-11:15 BREAKFAST 10:45-11:15 BREAKFAST		DAV 2	
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	10:00-10:45	MGIT DST from solid positive culture-P	
11:15-12:00 MGIT DST from solid positive culture-P	10:45-11:15	BREAKFAST	
	11:15-12:00	MGIT DST from solid positive culture-P	

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12:00-12:45	MGIT DST from solid positive culture-P	
12:45-13:45	LUNCH	
13:45-14:30	MGIT DST from solid positive culture-P	
14:30-15:15	MGIT DST from solid positive culture-P	
15:15-15:30	BREAK	
15:30-16:15	MGIT DST from solid positive culture-P	
	DAY 6	
9:00-9:45	Recap of the previous week	
9:45-10:30	Recap of the previous week	
10:30-11:00	BREAKFAST	
11:00-11:45	Pipetting practice(P)	
11:45-12:30	Pipetting practice(P)	
12:30-13:30	LUNCH	
13:30-16:45	Pipetting practice(D)	
	DAY 7	
9:00-9:15	Recap of Day 6	
9:15-10:00	Interpretation and reporting of MGIT DST results (T)	
10:00-10:30	BREAKFAST	
10:30-11:15	Interpretation and reporting of MGIT DST results (P)	
11:15-12:00	Interpretation and reporting of MGIT DST results (P)	
12:00-12:45	Interpretation and reporting of MGIT DST results (P)	
12:45-13:45	LUNCH	
13:45-14:30	Interpretation and reporting of MGIT DST results (P)	
14:30-15:15		
15:15-15:30	BREAK	
15:30-16:15	Interpretation and reporting of MGIT DST results (P)	
	DAY 8	
9:00-10:45	Staff meeting	
10:45-11:15	BREAKFAST	
11:15-12:00	Interpretation and reporting of MGIT DST results (P)	
12:00-12:45	Interpretation and reporting of MGIT DST results (P)	
12:45-13:45	LUNCH	
13:45-14:30	Trouble shooting MGIT DST- (T)	
14:30-15:15	Trouble shooting MGIT DST- (T)	
15:15-15:30	BREAK	
15:30-16:15	Trouble shooting MGIT DST- (T)	

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	DAY 9	
9:00-9:15	Recap of Day 8	
9:15-10:00	Troubleshooting of MGIT DST results (P	
10:00-10:45	Troubleshooting of MGIT DST results (P)	
10:45-11:15	BREAKFAST	
11:15-12:00	Troubleshooting of MGIT DST results (P)	
12:00-12:45	Troubleshooting of MGIT DST results (P)	
12:45-13:45	LUNCH	
13:45- 14:30	Troubleshooting of MGIT DST results (P)	
14:30-15:15		
15:15-15:30	BREAK	
15:30-16:15	Troubleshooting of MGIT DST results (P)	
	Day 10	
9:00-9:15	Recap of Day 9	
9:15-10:00	Discussion of relevant modules	All Facilitators
10:00-10:45		
10:45-11:15	BREAKFAST	
11:15-12:15	Post-test	
12:15-12:45	Closing remarks and award of certificates	
12:45-13:45	LUNCH	
13:45-16:45	DEPARTURE	

Descriptions

T-theory sessions, MGIT DST- drug susceptibility testing, P- practical sessions, D- discussions, E- exercises

Approved by:	
Technical supervisor	
Data	

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