

NEW AND RAPID TUBERCULOSIS DIAGNOSTICS

(First- and Second-Line Probe Assay)

PROPOSED SCHEDULE FROM 16th TO 27th SEPTEMBER 2019

Time	Session	Facilitator
Monday 16th DAY 1		
9:00-9:45	Welcome/opening remarks/ introduction to goals, objectives, expected results/ logistic announcements/tour of facility	Benjamini
9:45-10:30	Pre-test	
10:30-11:00	BREAK	
11:00-11:45	Algorithm for WHO Recommended Diagnostics (WRDs), (Xpert, 1st and 2nd Line LPA)-T	Kasule
11:45-12:30	WHO End TB strategy Utilization of WRDs (20min)-T Application of WRDs at Respective NRLs (25min)-T	Joanita
12:30-13:30	LUNCH	
13:30-14:15	Concept of Biosafety in Molecular Laboratory -T	Opus
14:15-15:00	Molecular Biology Basics -T	Linda
15:00-15:30	BREAK	
15:30-16:15	Introduction to first- and second-line LPA -T LPA	
16:15-17:00	Lab Layout T	Linda
Tuesday 17th DAY 2		
9:00-9:45	Equipment Requirements and activities in LPA Molecular Lab -T &E	Linda
9:45-10:30	DNA Extraction -T	Mujuni
10:30-11:00	BREAK	
11:00-11:45	DNA Extraction – P	Mujuni
11:45-12:30		
12:30-13:30	LUNCH	
13:30-14:15	Demonstration on specimen preparation -P	Linda
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Amplification reagents' preparation -T	Linda
16:15-17:00	Quality assurance-T	Linda
Wednesday 18th DAY 3		
9:00-9:45	Trouble shooting DNA Extraction -T	Dennis

9:45-10:30	Demonstration on reagent preparation and amplification -P	Linda
10:30-11:00	BREAK	
11:00-11:45	Demonstration on reagent preparation and amplification -P	Linda
11:45-12:30	Pipette Good Clinical Practices -T	Linda
12:30-13:30	LUNCH	
13:30-14:15	Amplification -T	Mujuni
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Theory-Trouble shooting	Mujuni
16:15-17:00	Session: Sample processing Session: Reagent preparation Session: Equipment Session: Results	Mujuni
Thursday 19th DAY 4		
9:00-9:45	Hybridization -T	Linda
9:45-10:30		
10:30-11:00	BREAK	
11:00-11:45	Hybridization-P	Linda
11:45-12:30		
12:30-13:30	LUNCH	
13:30-14:15	Demonstration on Results interpretation -P&E	Linda
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Theory Results interpretation	Tezra
16:15-17:00	Theory- Session 1 First line Theory -Session 2 Second line	Tezra
Friday 20th DAY 5		
9:00-9:45	Practical on Specimen processing-witnessing of the trainer	Mujuni
9:45-10:30		
10:30-11:00	BREAK	
11:00-11:45	Practical on Specimen processing-witnessing of the trainer	Mujuni
11:45-12:30		
12:30-13:30	LUNCH	
13:30-14:15	Practical Reagent preparation and Amplification-witnessing of the trainer	Mujuni
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Practical Reagent preparation and Amplification-witnessing of the trainer	Mujuni
16:15-17:00		
Monday 23rd DAY 6		
9:00-9:45	Practical on Hybridization- witnessing of the trainer	Pius
9:45-10:30		
10:30-11:00	BREAK	
11:00-11:45	Practical on Hybridization- witnessing of the	Pius

11:45:12:30	trainer	
12:30-13:30	LUNCH	
13:30-14:15	Practical on Hybridization- witnessing of the trainer	Pius
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Cleaning practices after Hybridization – witnessing of the trainer	Pius
16:15-17:00		
Tuesday 24 th DAY 7		
9:00-9:45	Trouble shooting on discordant results between Genotypic and phenotypic DST	Kasule
9:45-10:30		
10:30-11:00	BREAK	
11:00-11:45	Identification of NTM using LPA-T	Kasule
11:45:12:30	Identification of NTM using LPA-T	Kasule
12:30-13:30	LUNCH	
13:30-14:15	Identification of NTM using LPA-P	Kasule
14:15-15:00	Identification of NTM using LPA-P	Kasule
15:00-15:30	BREAK	
15:30-16:15	Group Engagement	All facilitators
16:15-17:00		
Time		Facilitator
Wednesday 25 th DAY 8		
9:00-9:45	Staff meeting	All
9:45-10:30	DNA Extraction-P	Pius
10:30-11:00	BREAK	
11:00-11:45	DNA extraction-p	Pius
11:45:12:30	Hybridization -P	Pius
12:30-13:30	LUNCH	
13:30-14:15	Hybridization -P	Pius
14:15-15:00	Hybridization -P	Pius
15:00-15:30	BREAK	
15:30-16:15	Principles of first- and second-line LPA - P&E	
16:15-17:00		Pius
	LPA Lab Layout P&E	
Thursday 26 th DAY 9		
9:00-9:45	Equipment Requirements and activities in LPA Molecular Lab -P&E	Kasule
9:45-10:30	Equipment Maintenance in the LPA Molecular Lab - P&E	Kasule
10:30-11:00	BREAK	

11:00-11:45	Demonstration on DNA Extraction – P&E	Kasule
11:45-12:30	Demonstration on DNA Extraction – P&E	
12:30-13:30	LUNCH	
13:30-14:15	Demonstration on DNA Extraction -P&E	Kasule
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Exercise on Results interpretation Session 1 First line Session 2 Second line	Joanita
16:15-17:00		
Friday 27th DAY 10		
9:00-9:45	Trouble shooting-specimen preparation-T	Joanita
9:45-10:30	Q and A	Joanita
10:30-11:00	BREAK	
11:00-11:45	Post test	
11:45-12:30		Benjamini
12:30-13:30	LUNCH	
13:30-14:15	Closing remarks	
14:15-15:00		Kenneth
15:00-15:30	Award of Certificates	Kenneth
15:30-16:15	BREAK	
16:15-17:00		
	Training closure	

Descriptions

T-theory sessions, P- practical sessions, D- discussions, E- exercises

Approved by:

Technical supervisor.....

Date.....