

LOWENSTEIN JENSEN (LJ) CULTURE METHOD TRAINING

PROPOSED SCHEDULE

COURSE CREDIT UNITS:

COURSE DURATION: ONE WEEK

Time	Session	Facilitator
DAY 1 ()		
9:00-9:30	Welcome/opening remarks/ introduction to goals, objectives, expected results/ logistic announcements	
9:30-10:30	Tour of facility	
10:30-11:00	BREAK	
11:00-11:45	Pre-test	
11:45-12:30	Module 1: TB Epidemiology (T)	
12:30-13:30	LUNCH	
13:30-14:15	Module 2: TB WRD (T)	
14:15-15:00	Module 3 : Biosafety Concepts Of M.tb Culture (T &E)	
15:00-15:45	Module 4:Introduction To LJ Culture (T)	
15:45-16:30	Module 5: overview of LJ media preparation	
16:30-17:00	Daily evaluation	
DAY 2 ()		
8:45-9:00	Recap Of Day One	
9:-9:45	Sample Reception And Accessioning (T)	
9:45-10:30	SAMPLE RECEPTION AND ACCESSIONING (P)	
10:30-11:00	BREAK	
11:00-11:45	SAMPLE RECEPTION AND ACCESSIONING (P)	
11:45:12:30		
12:30-14:00	LUNCH	
14:00-14:45	SAMPLE REJECTION (P)	
14:45-15:30		
15:30-16:00	Break	
16:00-16:45	SAMPLE REJECTION (P)	
16:45-17:00	Daily Evaluation	
DAY 3 ()		
8:45-9:00	Staff meeting	
9:00-9:45	Staff meeting	

9:45-10:30		
10:30-11:00	Break	
11:00-11:45	Preparation of LJ Media (T)	
11:45-12:30	Preparation of Decontamination Reagents (P)	
12:30-13:30	Lunch	
13:30-14:15	Preparation of Decontamination Reagents (P)	
14:15-15:00	Pipetting Exercise (P)	
15:00-15:30	Pipetting Exercise (P)	
15:30-16:15	Setting QC for prepared reagents	
16:15-16:45		
16:45-17:00	Daily Evaluation	
DAY 4 ()		
8:45-9:00	Recap Of Day 3	
9:00-9:45	Setting up Equipment needed for LJ media preparation (P)	
9:45-10:30		
10:30-11:00	Break	
11:00-11:45	LJ Media preparation (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	LJ Media preparation (P)	
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	LJ Media preparation (P)	
16:15-16:45	LJ Media preparation (P)	
	Daily Evaluation	
DAY 5 ()		
8:45-9:00	Recap Of Day Four	
9:00-9:45	Principles And Procedures Of Sample Processing And Inoculation (T)	
9:45-10:30	Sample Digestion And Decontamination(P)	
10:30-11:00	Break	
11:00-11:45	Sample Decontamination (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	Sample Decontamination (P)	

14:15-17:00	Sample Decontamination (P)	
DAY 6		
8:45-9:00	Recap Of Day 5	
9:00-9:45	Sample Inoculation And Incubation (P)	
9:45-10:30		
10:30-11:00	Break	
11:00-11:45	Sample Inoculation And Incubation (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	Sample Inoculation And Incubation (P)	
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Sample Inoculation And Incubation (P)	
16:15-16:45	Preparation Of Materials And Equipment Used For LJ Culture Reading And Interpretation (P)	
	Daily Evaluation	
DAY 7		
8:45-9:00	Recap of Day 6	
9:00-9:45	LJ Culture Reading And Interpretation (P)	
9:45-10:30		
10:30-11:00	Break	
11:00-11:45	LJ Culture Reading And Interpretation (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	LJ Culture Reading And Interpretation (P)	
14:15-15:00		
15:00-15:30	BREAK	

15:30-16:15	LJ Culture Reading And Interpretation (P)	
16:15-16:45	LJ Culture Reading And Interpretation (P)	
	Daily Evaluation	
DAY 8		
8:45-9:00	Recap Of Day 8	
8:45-9:00	Recap Of Day 7	
9:00-9:45	M.tb Identification and Antigen Lot to Lot Testing (P)	
9:45-10:30	M.tb Identification and Antigen Lot to Lot Testing (P)	
10:30-11:00	Break	
11:00-11:45	M.tb Identification and making ZN slides (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	NTM Identification and Result Interpretation (P)	
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	NTM Identification and Result Interpretation (P)	
16:15-16:45	Quality Assurance, Indicators And Quality Control In LJ Culture (T)	
	Daily Evaluation	
DAY 9		
8:45-9:00	Recap Of Day 8	
9:00-9:45	Isolate Storage And Retrieval (T)	

9:45-10:30	Preparation Of Isolate Storage Reagents/Media (P)	
10:30-11:00	Break	
11:00-11:45	Isolate Storage (P)	
11:45-12:30		
12:30-13:30	Lunch	
13:30-14:15	Isolate Storage (P)	
14:15-15:00		
15:00-15:30	BREAK	
15:30-16:15	Isolate Retrieval (P)	
16:15-16:45	Troubleshooting Of False LJ Results (D)	
16:45-17:00	Daily Evaluation	
DAY 10		
9:00-9:45	Post Test	
9:45-10:30	Post Test	
10:30-11:00	Break	
11:00-1:00PM	Entire Training Evaluation, Sharing Experiences And Discussion AWARDING OF CERTIFICATES	
13:00-17:00	CLOSURE	