

REPUBLIC OF KENYA



MINISTRY OF HEALTH

TUBERCULOSIS LABORATORY REGISTER

NAME OF FACILITY:

The contents of this register are strictly confidential

Disclosure of information in this register to a third party is punishable by law



National Tuberculosis, Leprosy
and Lung Disease Program

September 2020

MOH/DPPH/DNTLD/LABREG/001

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Specimen
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**National Tuberculosis, Leprosy
and Lung Disease Program**

MOH/DPPH/DNTLD/LABREG/001

Specimen

Instructions - AFB Microscopy & GeneXpert

-	Columns	What/ How to Fill
1	Lab Serial No	Enter Serial No. form 001 in 1st January to the last No. on 31st December
2	Date Sample received	Enter the Date when the samples are Received
3	Time in	Record the time when the sample is received at the Lab
4	Name	Enter the three Names of the Patient
5	TB registration number for follow ups	This is the TB registration No. given to follow up patients at the chest clinic usually written on the request form if not a follow up patient use the OPD no.
6	Sex (M/F)	Enter either M for male or F for female
7	Age (Years)	Enter the actual age of the patient
8	Patients ID No./NEMIS	Enter the National ID number for adults and NEMIS for children above three years
9	Patients physical address	Enter the patients physical address
10	Patients Phone number	Enter the patients phone number
11	Name of referring Facility/ Department	Enter the name of the facility or department as written on the request form
12	Type of patient	Enter N for new, F/up for follow up and O for others
13	HIV Status	Indicate either Pos, Neg, Not done(ND) and Decline (D)
14	Microscopy Appearance	For both spot and morning sample, enter S for Saliva and M for Muco purulent B for blood stain
15	Microscopy result	Enter the test results for both spot (Sp) and morning (Mng) samples)
16	GeneXpert results	Enter TS for MTB detected RIF resistance not detected, RR for MTB detected Rifampisin resistance detected, TI for MTB detected RIF resistance indeterminate, N for MTB not detected, I for Invalid, NR for no results, E for error, Tr for MTB detected trace (Insert key)
17	Date sample tested	Enter the date when the sample was tested
18	Time Out(results dispatched)	Enter time when results are dispatched
19	Laboratory Officer's Name	Enter the Name of the Examiner
20	Remarks	Enter any other relevant comments

Specimen

Instructions- Culture

Columns			What/ How to Fill
No. of Samples sent for culture			Enter the total no of samples referred for culture
No. of Culture Results Received			Enter the total no of culture results received for culture
No. of Samples Rejected by Testing Lab			Enter the total no of samples rejected
1st line LPA (MTBDRplus) R - Mutation detected S: Mutation NOT detected, I - Indeterminate	Rif	Rifampicin	Enter results for 1stline LPA for Rifampicin (rpoB), INH (katG) high level, (inhA) Low level as received
		KatG	
		inhA	
2nd line LPA (MTBDRsl) R: Mutation detected S: Mutation NOT detected I - Indeterminate	Flouroquinolones	Lfx	Enter results for 2ndline LPA for Flouroquinolones Lfx/ Mfx (gyrA/ gyrB), Aminoglycosides Kan/ Amk/ Cap (rrs) as received
		mfx	
	Aminoglycosides	Kan	
		Amk	
		Cap	
Phenotypic 1st line DST R: Resistant S: Sensitive I: Indeterminate Rif Emb Pza			Enter results for individual 1stline drugs as per Drug pattern as received

Specimen

<p>Phenotypic 2nd line DST R: Resistant S: Sensitive I: Indeterminate Mfx Bdq Cfz Lzd Dlm others</p>	<p>Enter results for individual 2ndline drugs as per Drug pattern as received</p>
<p>Sequencing</p>	<p>Enter the sequencing results</p>
<p>MOTT</p>	<p>Enter the MOTT species isolated</p>

AFB MICROSCOPY SUMMARY

Year.....	Number of Patients Examined						Number of Smears Examined						Type of Microscopy
	For Diagnosis			For Follow -Up			For Diagnosis			For Follow -up			
Months	Total	Pos.	%	Total	Pos.	%	Total	(+,++, +++)	Actual No.	Total	(+,++, +++)	Actual No.	ZN/FM
January													
February													
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
Total													

Specimen

AFB MICROSCOPY SUMMARY

Year.....	Number of Patients Examined						Number of Smears Examined						Type of Microscopy
	For Diagnosis			For Follow -Up			For Diagnosis			For Follow -up			
Months	Total	Pos.	%	Total	Pos.	%	Total	(+,++, +++)	Actual No.	Total	(+,++, +++)	Actual No.	ZN/FM
January													
February													
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
Total													

Specimen

Testing laboratory S/ No.	Date sample received	Time in	Name (full)	TB Registration No. for follow ups	Sex M/F	Age (years)	Patients ID No./ NEMIS	Patients Physical Address	Patients phone number	Name of referring facility / Department
Type of patient		HIV status					Microscopy Appearance		Microscopy result	
N: New F/up: Follow up. O: Others specify		Pos: Positive, Neg: Negative, ND: Not done, D: Declined					S: Saliva, M: Muco purulent, B: blood stain		0 : No AFB seen 1- 9 : AFB per 100 HPF Actual No. 10- 99 :AFB per 100 HPF + 1- 10 :AFB per HPF ++ >10 :AFB per HPF +++	

Specimen

Type of patient		Microscopy	Result		Date tested	Gene Xpert		Time out (Results dispatch)	Laboratory officer's name	Remarks
			Sp	Mng		Result	Date tested			
N, F/Up, O	HIV Status (Pos, Neg, ND, D)	Appearance(S, M, B)								

Specimen

GeneXpert results

TS: MTB detected RIF resistance not detected,
 RR: MTB detected Rifampicin resistance detected,
 TI: MTB detected RIF resistance indeterminate,
 N: MTB not detected,
 I: Invalid,
 NR: No results,
 E: Error,
 Tr: MTB detected trace

Lab serial number	Date sample sent	Date sample received	TB registration number	Patient Name	Age (Yrs)	Sex (M/F)	HIV Status (Pos, Neg, Not done, Declined)	Results																					Remarks		
								Final culture results N: No Growth G: Growth C: Contamination	1 st line LPA(MTB-DRplus) R: Mutation detected S: Mutation NOT detected I: Indeterminate		2 nd line LPA (MTBDRs) R: Mutation detected S: Mutation NOT detected I: Indeterminate			Phenotypic 1 st line DST R: Resistant S: Sensitive I: Indeterminate				Phenotypic 2 nd line DST R: Resistant S: Sensitive I: Indeterminate					Gene sequencing	MOTT Results							
									Rif	INH		Flouroquinolones		Aminoglycosides			Inh	Rif	Emb	Pza	Lfx	Mfx			Bdq	Cfz	Lzd	Dim		others	
								Rif	KatG	inhA	Lfx	mfx	Kan	Amk	Cap	Inh	Rif	Emb	Pza	Lfx	Mfx	Bdq	Cfz	Lzd	Dim	others					

Specimen

Specimen



National Tuberculosis, Leprosy and Lung Disease Program

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