## **Advanced Diagnostic Laboratories** National Jewish Health®

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Mycobacteriology

SHIP TO: National Jewish Health Mycobacteriology Laboratory 1400 Jackson Street, Room K422

Denver, CO 80206

1. PATIENT INFORMATION									
Patient Name (Last, First)						DOB//		_ CF Patient Registry No.	
2. BILLING INFORMATION - INSTITUTIONAL BILLING ONLY 3. REPORT DELIVERY INFORMATION									
National Jewish Health Advanced Diagnostic Laboratories does not bill patients directly or third-party health insurance. Visit njlabs.org or call for details.					ctly C	Client ID			
					А	Account Name			
Client ID					А	ldress			
Account N			Ci	y State Zip					
Address			Pl	ione		Secure Fax			
City State Zip						☐ Duplicate Report Requested Attn:			
Phone	Phone Fax				PI	Phone Secure Fax			
4. SPECIMEN/ISOLATE INFORMATION									
Submitted By Phone									
		Isolate Submission Medium (Required)							
Specimen Source (Required)  BAL CSF Sputum Sputum (induced) Blood Uring									
☐ Tissue (specify)				·				MGIT broth BacT/ALERT broth	
☐ Processed specimen (specify)					_  □\	□ VersaTrek broth □ Other (specify)			
= 0/0000   100 (00 / 1 00000   100 / 100 0000						<b>Solid</b> (Plates or biplates are not accepted)			
Livitotimental sample. Contact laboratory before confection.					1-	□ 7H10 slant □ 7H11 slant			
Uveterinary sample (specify animal)					_   _	Lowenstein-Jensen slant			
- Carlot (appearly)						Other (specify)			
Swabs not recommended for recovery of AFB organisms-tissue or aspirate is desired.									
Submitter Identification of AFB MTB complex previously ruled out? Y \_ N \_ Actual Specimen Collection Date (Required) Submitter Specimen # (Required)									
Identification must be provided for isolates when AST only is ordered. If identification is not provided, identification testing will be performed and billed accordingly.									
5. MOLECULAR, MICROSCOPY, GROWTH DETECTION AND ISOLATE IDENTIFICATION									
☐ AFB1 Acid-fast Bacilli (AFB) Smear & Culture (clinical specimen o									
on first specimen or by request for subsequent specimen. If A			nen. If AFE	If AFB smear					
and NAAT are positive, MTB1 (DIRECT) and MTB4 will be p				Periorifica. □ A		or <i>M. chelonae</i> is ide	M. chelonae is identified, AFB6 is recommended. Check AFB4R box to authorize.		
☐ AFB2 Nucleic Acid Amplification Test (NAAT) (clinical specimen only					☐ AFB6	FB6 NTM Drug Resistance Markers for Macrolide and Aminoglycoside (Valid for <i>M. abscessus</i> subspecies, <i>M. avium</i> complex, <i>M. chelonae</i> )			
6. MTB COMPLEX ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST) AND MTB SPECIES IDENTIFICATION									
	10-Drug agar proportion method (INH, RIF, EN	⁄ІВ, □	☐MTB3	TB3 Pyrazinamide I		(individual test)	☐ MTB6	Single-Drug MIC (circle) (INH, RIF, EMB, ETH,	
	ETH, STR, CAP, KAN, AMK, CS, PAS)	☐ MTB4		B4 Molecular mu TB Screen		ug-resistant (MDR)		STR, CAP, KAN, AMK, CS, PAS, MXF, LVX, LZD, OFX, CLF, CIP, AZM, CLR, RFB)	
□ MTB2	First-Line Drugs: isoniazid, rifampin, ethamb & pyrazinamide. If resistant, a 10-drug agar		ZMTDE					MTD Complete Conscional despition at the	
	proportion test (MTB1) will be performed.		□MTB5		ilar extens TB Screen	vely drug-resistant	☐ MTB7	MTB Complex Species Identification	
7. NTM ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST)									
Slowly Growing NTM						Rapidly Growing NTM			
□ NTM10	10-Drug MIC: includes rifampin/ ethambutol combo (CLF, CIP, MXF, AMK, STR, RFB, LZD, CLR, RIF, EMB)	□NTM		15-Drug MIC includes Clofazimine/Amikacin combo (AMK, KAN, TOB, FOX, IPM, CIP, DOX, MXF, TGC, CLR, AZM, AUG, SXT, LZD, CLF, CLF/AMK)					
□ NTM9	Rifampin/Ethambutol combo (incudes RIF and EMB single drug MIC)	□NTM		Single-Drug MIC (circle) (AMK, KAN, TOB, FOX, IPM, CIP, DOX, MXF, TGC, CLR, AZM, AUG, SXT, LZD, CLF, AMK/CLF, GEN, CRO, FEP, CTX, MIN)					
□ NTM3	Single-Drug MIC (circle) (RIF, EMB, CIP, MXF, AMK, LZD, CLR, CLF, RFB, STR, ETH, LVX, AZM, OFX, KAN, CS)	□NTM				s Clofazimine/Amikacin combo (for human AND veterinary use) (AMK, KAN, TOB, FOX, TGC, CLR, AZM, AUG, SXT, LZD, CLF, CLF/AMK, GEN, CRO, FEP, CTX, MIN)			
8. SPECIAL INSTRUCTIONS 9. COLO					RADO CYSTIC FIBROSIS RESEARCH AND DEVELOPMENT PROGRAM (CO CF RDP)				
□ Appropriate NTM antimicrobial susceptibility testing (AST) will include MIC and AFB6 when appropriate.     □ Isolation of Mycobacteria from contaminated or impure specimens				☐ <b>RESEARCH USE ONLY</b> : Whole Genome Sequencing (WGS)/Biorepository complimentary for CF NTM isolates. See njhealth.org/cocfrdp. Please contact laboratory if interested in WGS for Non CF patient.					
INTERNAL USE ONLY Received By Date Account # MRun # Accession									