



Test Update 744

Posted Date 01/06/2021

Effective Date 01/06/2021

Update Type [Reference range changed](#)

CPT Code 87186

TEST CHANGE

Antibiotic Susceptibility, Slow-Growing Mycobacterium

Order Code: MMLSG

CPT Code: 87186

Referral Laboratory: Mayo Medical Laboratories

Effective January 6, 2021 MLabs Antibiotic Susceptibility, Slow-Growing Mycobacterium(MMLSG) testing will change the reference ranges per Mayo Medical Laboratories. See below.

Current Reference Values

Interpretive Criteria for Mycobacterium avium-intracellulare complex

Antimicrobial Agent	MIC (mcg/mL)	
	S	I R
Clarithromycin	≤ 8	16 ≥ 32
Linezolid	≤ 8	16 ≥ 32
Moxifloxacin	≤ 1	2 ≥ 4
Amikacin (IV)	≤ 16	32 ≥ 64
Amikacin (liposomal, inhaled)	≤ 64	-- ≥ 128

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Ethambutol

No Interpretation Available

Rifabutin	No Interpretation Available
Rifampin	No Interpretation Available
Streptomycin	No Interpretation Available

Interpretive Criteria for Mycobacterium kansasii and other slowly growing mycobacteria

Antimicrobial Agent	MIC (mcg/mL)		
	S	I	R
Amikacin	≤ 16	32	≥ 64
Ciprofloxacin	≤ 1	2	≥ 4
Clarithromycin	≤ 8	16	≥ 32
Doxycycline	≤ 1	2-4	≥ 8
Linezolid	≤ 8	16	≥ 32
Moxifloxacin	≤ 1	2	≥ 4
Rifabutin	≤ 2	--	≥ 4
Rifampin	≤ 1	--	≥ 2
Trimethoprim/ Sulfamethoxazole	≤ 2/38	--	≥ 4

New Reference Values

Interpretive Criteria for Mycobacterium avium-intracellulare complex

Antimicrobial Agent	MIC (mcg/mL)		
	S	I	R

Clarithromycin	≤ 8	16 ≥ 32
Linezolid	≤ 8	16 ≥ 32
Moxifloxacin	≤ 1	2 ≥ 4
Amikacin (IV)	≤ 16	32 ≥ 64
Amikacin (liposomal, inhaled)	≤ 64	-- ≥ 128
Clofazimine	MIC Only, No Interpretations Available	

Interpretive Criteria for *Mycobacterium kansasii* and other slowly growing mycobacteria

Antimicrobial Agent	MIC (mcg/mL)	
	S	I R
Amikacin	≤ 16	32 ≥ 64
Ciprofloxacin	≤ 1	2 ≥ 4
Clarithromycin	≤ 8	16 ≥ 32
Doxycycline	≤ 1	2- 4 ≥ 8
Linezolid	≤ 8	16 ≥ 32
Minocycline	≤ 1	2- 4 ≥ 8
Moxifloxacin	≤ 1	2 ≥ 4
Rifabutin	≤ 2	-- ≥ 4
Rifampin	≤ 1	-- ≥ 2
Trimethoprim/ Sulfamethoxazole	≤ 2/38	-- ≥ 4/76

Clofazimine

MIC Only, No Interpretations
Available

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