



Test Update 744

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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

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)
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	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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