MAYO CLINIC LABORATORIES

Anaerobic Bacteria Antimicrobials

Table 1A The antimicrobials listed below (except vancomycin) are included on the routine panel. Those marked with an "X" are routinely reported. Specimen source and site limitations are noted in column headings. Additional antimicrobials listed in Table 1B may be requested and will be billed per antimicrobial.	**Clindamycin** (not urine or cerebrospinal fluid)	**Ertapenem** (not cerebrospinal fluid)	**Metronidazole**	**Minocycline**[a] (not cerebrospinal fluid)	**Moxifloxacin**	**Penicillin**	**Piperacillin-tazobactam**	**Vancomycin**[a]
Gram-negative bacilli[c] and cocci	X	X	X				X	
Beta-lactamase negative *Fusobacterium* spp	X		X			X		
Gram-positive cocci	X		X			X		
Large spore-forming gram-positive bacilli including *Clostridium*, *Clostridioides*, and *Paraclostridium* species	X	X	X			X	X	
Clostridioides (Clostridium) difficile recovered from feces/stool			X					X
Small gram-positive bacilli resembling *Cutibacterium/Propionibacterium*[b]				X	X	X		
Actinomyces, Bowdeniella, Buchananella, Gleimia, Pauljensenia, Schaalia, and *Winkia* species[b]	X					X		
Non-spore-forming gram-positive bacilli other than those listed above	X		X			X		

[a] There will be no interpretive categories (S, I, R) reported.

[b] Metronidazole has little to no activity against these organisms.

[c] Beta-lactamase negative *Porphyromonas* spp do not receive additional antibiotic testing without special request.

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Anaerobic Bacteria Antimicrobials (continued)

Table 1B

Antimicrobials in bold font below are included on the routine panel for testing and reporting. Additional antimicrobials listed may be requested and will be billed per antimicrobial.

Gram-negative bacilli and cocci	**Beta-lactamase negative *Fusobacterium* spp**	**Gram-positive cocci**	**Large spore-forming gram-positive bacilli including *Clostridium* and *Clostridioides* species**	**Small gram-positive bacilli resembling *Cutibacterium/ Propionibacterium*[b]**	***Actinomyces, Bowdeniella, Buchananella, Gleimia, Pauljensenia, Schaalia,* and *Winkia* species[b]**	**Non-spore-forming gram-positive bacilli other than those listed in this table**
Amoxicillin-clavulanate	Amoxicillin-clavulanate	Amoxicillin-clavulanate	Amoxicillin-clavulanate	Amoxicillin-clavulanate	Amoxicillin-clavulanate	Amoxicillin-clavulanate
Ampicillin-sulbactam	Ampicillin-sulbactam	Ampicillin-sulbactam	Ampicillin-sulbactam	Ampicillin-sulbactam	Ampicillin-sulbactam	Ampicillin-sulbactam
Cefotaxime	Cefotaxime	Cefotaxime	Cefotaxime	Cefotaxime	Cefotaxime	Cefotaxime
Ceftriaxone	Ceftriaxone	Ceftriaxone	Ceftriaxone	Ceftriaxone	Ceftriaxone	Ceftriaxone
Ciprofloxacin[a,d]	Ciprofloxacin[a,d]	Ciprofloxacin[a,d]	Ciprofloxacin[a,d]	Ciprofloxacin[a,d]	Ciprofloxacin[a,d]	Ciprofloxacin[a,d]
Clindamycin[d,e]	**Clindamycin[d,e]**	**Clindamycin[d,e]**	**Clindamycin[d,e]**	Clindamycin[d,e]	**Clindamycin[d,e]**	**Clindamycin[d,e]**
Ertapenem[d]	Ertapenem[d]	Ertapenem[d]	**Ertapenem[d]**	Ertapenem[d]	Ertapenem[d]	Ertapenem[d]
Imipenem[d]	Imipenem[d]	Imipenem[d]	Imipenem[d]	Imipenem[d]	Imipenem[d]	Imipenem[d]
Meropenem	Meropenem	Meropenem	Meropenem	Meropenem	Meropenem	Meropenem
Metronidazole	**Metronidazole**	**Metronidazole**	**Metronidazole**			**Metronidazole**
Minocycline[a,d]	Minocycline[a,d]	Minocycline[a,d]	Minocycline[a,d]	**Minocycline[a,d]**	Minocycline[a,d]	Minocycline[a,d]
Moxifloxacin	Moxifloxacin	Moxifloxacin	Moxifloxacin	**Moxifloxacin**	Moxifloxacin	Moxifloxacin
				Rifampin[a,f]		
Penicillin	**Penicillin**	**Penicillin**	**Penicillin**	**Penicillin**	**Penicillin**	**Penicillin**
Piperacillin-tazobactam	Piperacillin-tazobactam	Piperacillin-tazobactam	**Piperacillin-tazobactam**	Piperacillin-tazobactam	Piperacillin-tazobactam	Piperacillin-tazobactam
Tetracycline[d]	Tetracycline[d]	Tetracycline[d]	Tetracycline[d]	Tetracycline[d]	Tetracycline[d]	Tetracycline[d]
		Vancomycin[a]	Vancomycin[a,c]	Vancomycin[a, c]	Vancomycin[a]	Vancomycin[a]

[a] There will be no interpretive categories (S, I, R) reported.

[b] Metronidazole has little to no activity against these organisms.

[c] Vancomycin reported with Epidemiologic Cutoff Value (ECV) for *Cutibacterium acnes* and *Clostridioides difficile*.

[d] Clindamycin, ertapenem, minocycline, ciprofloxacin, tetracycline, and imipenem are not reported on isolates from cerebrospinal fluid.

[e] Clindamycin is not reported on isolates from urine.

[f] *Cutibacterium acnes* only.