

NATIONAL ANAEROBIC ANTIBIOGRAM^a
2013 - 2016

JANUARY - DECEMBER 2017	Penicillins			Cephalosporin	Carbapenem			Fluoroquinolone	Other	
	Ampicillin-Sulbactam	Penicillin	Piperacillin-Tazobactam	Cefoxitin	Ertapenem	Imipenem-Cilastatin	Meropenem	Moxifloxacin	Clindamycin	Metronidazole
GRAM-NEGATIVE ANAEROBIC ORGANISMS % SUSCEPTIBLE (of isolates tested)										
<i>Bacteroides fragilis</i>	84	-	96	100	82	97	93	61	26	100
<i>Bacteroides thetaiotaomicron</i>	82	-	87	13	-	100	99	54	28	100
<i>Bacteroides ovatus</i>	80	-	94	20	84 ^b	100	95	41	46	100
<i>Bacteroides vulgatus</i>	45 ^b	-	92	73	-	97	96	31 ^b	53	100
<i>Bacteroides uniformis</i>	84 ^b	-	96	85	-	100 ^b	100	48 ^b	45	100
<i>Parabacteroides distasonis</i>	59 ^b	-	95	29	-	100 ^b	97	62	43	100
<i>Bacteroides fragilis</i> group without <i>B. fragilis</i>	74	-	91	36	84 ^b	100	98	48	40	100
<i>Bacteroides fragilis</i> group (all 6 species listed)	78	-	94	70	82	98	95	55	33	100
<i>Prevotella</i> species	97 ^b	100	100	-	-	100 ^b	98	62	69 ^b	99
<i>Fusobacterium</i> species	100 ^b	-	96	-	-	95	100 ^b	68	77	95

GRAM POSITIVE ANAEROBIC ORGANISMS % SUSCEPTIBLE (of isolates tested)										
Anaerobic gram-positive cocci ^c	-	100	100 ^b	-	-	99	100	72	97	100
<i>Cutibacterium</i> (formerly <i>Propionibacterium</i>) <i>acnes</i>	-	-	100 ^b	-	-	94 ^b	-	95	53 ^b	0 ^b
<i>Clostridium perfringens</i>	100 ^b	90	100	-	-	100 ^b	100	83 ^b	83	100
<i>Clostridioides</i> (formerly <i>Clostridium</i>) <i>difficile</i> ^d	99	6	93	-	-	69	99	74	32	100
<i>Other Clostridium</i> species	-	69	94	-	-	99	100	62	67	100

a=Data were generated from unique isolates from patient specimens submitted to Tufts Medical Center; International Health Management Associates; Alden Research Laboratory; Creighton University School of Medicine; Mayo Clinic College of Medicine and Science; and the Centers for Disease Control and Prevention. All testing was performed by agar dilution method. Information and analysis of previous versions of this table have been published. b=Calculated from fewer than the CLSI document M39 recommendation of 30 isolates. c=Anaerobic gram-positive cocci include *Peptostreptococcus*, *Peptococcus*, *Finegoldia*, *Peptoniphilus*, and *Anaerococcus* species. d=*Clostridioides* (formerly *Clostridium*) *difficile* isolates are from an intestinal source; these results do not imply efficacy for intraluminal infections. Vancomycin minimal inhibitory concentrations for isolates were < 4 mcg/mL. (-) = indicates that data were not available.

Adapted from the M39 CLSI Document: CLSI. *Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline* - 4th ed. CLSI supplement M39-A4. Wayne, PA: Clinical and Laboratory Standards Institute; 2014.