

National Antimicrobial Activity Summary  
of Anaerobic Bacteria\*

Percent of strains susceptible:

	Number Tested	Penicillin/ampicillin	Ampicillin/Sulbactam	Piperacillin/tazobactam	Cefoxitin	Meropenem	Clindamycin	Metronidazole
<i>Bacteroides fragilis</i>	1140		84	96	100	93	26	100
<i>Bacteroides thetaiotaomicron</i>	322		82	87	13	99	28	100
<i>Bacteroides ovatus</i>	236		80	94	20	95	46	100
<i>Bacteroides vulgatus</i>	186		45	92	73	96	53	100
<i>Bacteroides uniformis</i>	89		84	96	85	100	45	100
<i>Parabacteroides distasonis</i>	118		59	95	29	97	43	100
<i>Bacteroides fragilis</i> group	951		78	94	70	95	33	100
<i>Bacteroides non-fragilis</i> group	2091		74	91	36	98	40	100
<i>Prevotella</i> spp.	92	100	97	100	97	98	69	99
<i>Fusobacterium</i> sp.	75		100	96	100	100	77	95
Anaerobic Gram positive cocci**	1692	100		99	94	100	97	100
<i>Cutibacterium (Propionibacterium acnes)</i>	18			100	100		53	0
<i>Clostridium perfringens</i>	425	90	100	100	99	100	83	100
<i>Clostridiodes (Clostridium) difficile</i>	1343	6	99	93		99	32	100
Other <i>Clostridium</i> species	461	69		94	70	100	67	100

\* Data were generated from six national referral laboratories from 2013-2016

\*\* *Peptococcus*, *Peptostreptococcus*, *Finegoldia*, *Peptoniphilus*, *Anaerococcus*

Dosing recommendations are generalized; dosing should be optimized for each patient.

Adam Warner, PharmD  
Antimicrobial Stewardship Pharmacist  
(269) 341-6230  
[warnera@bronsonhg.org](mailto:warnera@bronsonhg.org)

Richard A. Van Enk, Ph.D.  
Epidemiologist  
(269) 341-6316  
[vanenk@bronsonhg.org](mailto:vanenk@bronsonhg.org)

Eric Parnell  
Laboratory Supervisor  
(269) 341-8845  
[parnelle@bronsonhg.org](mailto:parnelle@bronsonhg.org)