

MicroScan GRAM-NEGATIVE MIC PANELS

BR: BRAZILIAN PORTUGUESE
DE: GERMAN
EN: ENGLISH
ES: SPANISH
FR: FRENCH
GR: GREEK
IT: ITALIAN
NL: DUTCH
NO: NORWEGIAN
PL: POLISH
PT: PORTUGUESE
RU: RUSSIAN
TR: TURKISH

PANEL NAME	NEG MIC 39	NEG MIC 40	NEG MIC 44	NEG MIC EN 47	NEG MIC NF 50	NEG MIC EN 51	NEG MIC EN 52	NEG MDR MIC 1	NEG MIC 57	NEG MIC 61	ESβL			
MICROSCAN CATALOG NUMBER	B1016-155	B1016-163	B1016-175	B1016-185	B1016-188	B1016-194	B1016-195	C32368	C58012	C63726	B1027-101			
THERAPY GUIDELINES	EUCAST	EUCAST	CLSI OR EUCAST	CLSI	CLSI OR EUCAST	EUCAST	EUCAST	EUCAST	EUCAST	CLSI	CLSI OR EUCAST			
LANGUAGES	DE, EN, ES, FR, IT, NO, PT, RU	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU, TR	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, IT, NO, PT	BR, DE, EN, ES, FR, IT, NL, NO, PT	BR, DE, EN, ES, FR, IT, NL, NO, PT	BR, DE, EN, ES, FR, IT, NL, NO, PT	DE, EN, ES, FR, GR, IT, NL, NO, PL, PT, RU, TR			
Antimicrobial agent	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	Abbr.		
Amikacin	4-16	8-16	8-32	8-32	4-32	8-16	8-16	8-16	8-16	8-16	4-32	-	Ak	
Amoxicillin	1-8	-	-	-	-	-	-	-	-	-	-	-	-	Amx
Amoxicillin/K Clavulanate (CLSI)	2/1-8/4	2/1-8/4	8/4-16/8	8/4-16/8	-	2/1-8/4	4/2-32/16	-	-	8/4-16/8	-	-	-	Aug
Amoxicillin/K Clavulanate-E (EUCAST)	-	-	-	-	-	-	-	8/2-32/2	8/2-32/2	-	-	-	-	Aug-E
Ampicillin	-	0.5-8	8-16	8-16	-	2-8	2-8	4-8	4-8	8-16	-	-	-	Am
Ampicillin/Sulbactam (CLSI)	-	1/0.5-8/4	8/4-16/8	-	4/2-16/8	-	-	-	8/4-16/8	8/4-16/8	-	-	-	A/S
Aztreonam	1-16	1, 8-16	1, 4-16	1-16	0.5-16	1-4	1-4	1-4	1-16	1-4,16	0.5-64	-	-	Azt
Cefazolin	-	-	-	-	-	-	-	16	-	2-4,16	-	-	-	Cfz
Cefepime	0.5-8	0.5-8	1-16	1-16	1-32	0.5-8	1-4	0.5-8	1-8	1-16	1-32	-	-	Cpe
Cefixime	1-2	-	-	-	-	-	0.5-1	1	1	-	-	-	-	Cfe
Cefotaxime	0.5-2, 16	0.5-2, 16	1-32	1-16	4-64	0.5-64	0.5-32	1-32	1-32	2, 16	0.5-128	-	-	Cft
Cefotetan	-	-	-	-	-	-	-	-	-	-	1-32	-	-	Ctn
Cefoxitin	2-8, 32	8-16	8-16	8-16	-	8-16	8-16	8-16	8	8-16	2-32	-	-	Cfx
Ceftazidime	-	-	-	-	-	-	-	1-32	1-32	1-32	-	-	-	Caz/CA
Ceftazidime/Avibactam	-	-	-	-	-	-	-	2/4-8/4	2/4-8/4	2/4-8/4	-	-	-	CZA
Ceftolozane/Tazobactam	-	-	-	-	-	-	-	1/4-4/4	1/4-4/4	2/4-8/4	-	-	-	CJT
Cefpodoxime	-	0.5-1	-	-	-	-	1	-	-	-	0.5-64	-	-	Cpd
Ceftazidime	0.5-8	0.5-8	1-16	1-16	1-32	0.5-64	0.5-32	-	-	-	0.5-128	-	-	Caz
Ceftriaxone	-	0.5-2	-	-	-	-	-	-	-	1-8	1-64	-	-	Cax
Cefuroxime	-	1-8	4-16	4-16	-	4-8	4-8	4-8	8	8-16	-	-	-	Crm
Cephalexin	-	-	-	-	-	-	-	-	16	-	-	-	-	CFL
Chloramphenicol	-	8	8-16	-	-	8	-	-	8	8	-	-	-	C
Ciprofloxacin	0.25-2	0.5-1	0.5-2	0.12, 0.5-2	0.12-2	0.25-1	0.25-1	0.06, 0.25-1	0.06, 0.25-1	0.06, 0.25-2	-	-	-	Cp
Colistin	2	2	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	-	-	-	Cl
Doxycycline	-	-	-	-	4-8	-	-	-	-	-	-	-	-	Dox
Doripenem	1, 4	1-4	1-4	-	-	-	-	-	-	-	-	-	-	Dor
ESβL Confirmation - Cefotaxime/K Clavulanate	0.5/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	-	0.5/4-8/4	0.5/4, 4/4	0.5/4-4/4	0.25/4-4/4	0.5/4, 4/4	0.12/4-16/4	-	-	Cft/CA
ESβL Confirmation - Ceftazidime/K Clavulanate	0.25/4, 2/4	0.25/4, 2/4	0.25/4-0.5/4, 2/4	0.25/4-4/4	-	0.25/4-8/4	0.25/4-4/4	0.25/4-4/4	0.25/4-4/4	0.25/4, 2/4	0.12/4-16/4	-	-	Caz/CA
Ertapenem	0.5-1	0.5-1	0.5-1	0.25-1	-	0.12-1	0.12, 0.5-1	0.12, 0.5-1	0.12, 0.5-1	0.12-1	-	-	-	Etp
Fosfomycin	32	32	32-64	32-64	32-64	32-64	32-64	16-64	16-32	32-64	-	-	-	Fos
Gentamicin	1-4	2-4	2-8	2-8	1-8	2-4	2-4	2-4	2-4	4-8	-	-	-	Gm
Imipenem	0.5-8	1-8	1-8	0.5-8	0.5-16	1-8	1-8	1-8	1-4	1-8	0.5-16	-	-	Imp
Levofloxacin	-	1-2	1-4	0.12, 1-4	0.5-4	0.12-1	0.5-1	0.5-1	0.5-1	0.5-2	-	-	-	Lvx
Mecillinam	8	-	-	8	-	-	2, 8	8	8	-	-	-	-	Mec
Meropenem	-	0.5-8	1-8	0.25-8	0.12-16	0.12, 1-32	0.12-8	0.12, 1-32	0.12, 1-8	0.12, 1-32	0.5-16	-	-	Mer
Minocycline	-	-	4-8	4-8	2-8	-	-	-	-	-	-	-	-	Min
Meropenem/Vaborbactam	-	-	-	-	-	-	-	-	-	4/8-8/8	-	-	-	MEV
Moxifloxacin	-	0.5-1	-	-	-	-	-	-	-	-	-	-	-	Mxf
Nalidixic Acid	8-16	-	16	16	-	16	16	-	16	-	-	-	-	NA
Netilmicin	-	-	-	-	2-8	-	-	-	-	-	-	-	-	Nt
Nitrofurantoin	64	64	32-64	32-64	-	-	64	64	64	32-64	-	-	-	Fd
Norfloxacin	0.5-1	0.5-1	0.5-1	0.5-1	-	-	0.5-1	0.5-1	0.5-1	-	-	-	-	Nxn
Ofloxacin	0.5-4	0.5-1	-	2-4	-	-	-	-	-	-	-	-	-	Ofi
Piperacillin	8-16, 64	4-16	8-16, 64	8-16, 64	8-64	4-16	4-16	8-16	8-16	-	16-64	-	-	Pi
Piperacillin/Tazobactam	4/4-16/4, 64/4	4/4-16/4	8/4-16/4, 64/4	8/4-16/4, 64/4	8/4-64/4	4/4-16/4	4/4-16/4	8/4-16/4	4/4-16/4	4/4-64/4	-	-	-	P/T
Tetracycline	-	4-8	4-8	-	2-8	-	-	-	-	-	-	-	-	Te
Ticarcillin	8-64	-	-	-	8-64	8-16	8-16	8-16	8-16	-	-	-	-	Ti
Ticarcillin/K Clavulanate	8-64	-	-	-	16/2-64/2	-	-	-	-	-	-	-	-	Tim
Tigecycline†	1-4	0.25-2	1-2	1-2	-	0.25-2	0.5-2	1-2	0.5	0.5-1	-	-	-	Tgc
Tobramycin	1-4	2-4	2-8	2-8	2-8	2-4	2-4	2-4	2-4	2-4	-	-	-	To
Trimethoprim	-	8	-	-	-	-	2-4	2-4	2-4	-	-	-	-	T
Trimethoprim/Sulfamethoxazole	2/38-4/76	2/38-4/76	2/38-4/76	2/38-4/76	1/19-4/76	2/38-4/76	2/38-4/76	2/38-4/76	2/38-4/76	2/38-4/76	-	-	-	T/S
Total antimicrobial agents/panel	30	35	32	30	23	27	32	33	36	31	13			

PANEL DEFINITIONS

Neg MIC panels:

Provide Gram-negative susceptibility results only and longer dilution schemes for better detection of emerging resistance. Drug selection provides both Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as urine and systemic reporting.

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* Ceftazolin fosamil is sold under the trademark name ZINFORO™ in the European Union by the AstraZeneca group of companies.

† Tigecycline is sold under the trademark name TYGACIL* by Pfizer, Inc.

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PANEL NAME	NEG COMBO 53	NEG COMBO 54	NEG COMBO 58	NEG COMBO 63	NEG COMBO 66	NEG EN COMBO 70	NEG NF COMBO 71	NEG COMBO 72	NEG COMBO 94	NEG COMBO 96	NEG COMBO 97	
MICROSCAN CATALOG NUMBER	B1016-142	B1016-143	B1016-158	B1016-166	B1016-171	B1016-177	B1016-178	B1016-180	C63727	C79388	C79389	
THERAPY GUIDELINES	EUCAST	CLSI	EUCAST	CLSI	CLSI	CLSI OR EUCAST	CLSI OR EUCAST	CLSI	CLSI	EUCAST	EUCAST	
LANGUAGES	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU	DE, EN, ES, FR, IT, KO, PT, RU	EN ES, PT	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, IT, KO, PT, RU	BR, DE, EN, ES, FR, IT, NL, NO, PT	BR, DE, EN, ES, FR, IT, NL, NO, PT	BR, DE, EN, ES, FR, IT, NL, NO, PT	
Antimicrobial agent	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	Abbr.
Amikacin	8-32	8-32	8-32	16-32	16-32	8-32	8-32	16-32	8-32	8-16	8-16	Ak
Amoxicillin/K Clavulanate (CLSI)	8/4-16/8	-	-	-	8/4-16/8	8/4-16/8	-	-	8/4	-	-	Aug
Amoxicillin/K Clavulanate - E (EUCAST)	-	-	-	-	-	-	-	-	-	4/2-8/2	4/2-8/2	Aug-E
Ampicillin	8-16	-	-	8-16	8-16	8-16	-	8-16	8-16	4-8	2,8	Am
Ampicillin/Sulbactam (CLSI)	-	4/2-16/8	4/2-16/8	8/4-16/8	8/4-16/8	-	8/4-16/8	8/4-16/8	8/4-16/8	-	-	A/S
Aztreonam	1, 8-16	1-16	1-16	4-16	1, 4-8	-	1-16	4-16	4-16	1-4	1,4	Azt
Cefazolin	8-16	-	-	2-4	-	-	-	2-4	2-4, 16	-	-	Cfz
Cefepime	1, 8-16	1-16	1-16	2, 8-16	1, 4-8	1, 4-16	1, 4-16	2, 8-16	2-16	1-4	1,4-8	Cpe
Cefixime	-	-	-	-	-	-	-	-	-	-	-	Cfe
Cefotaxime	1-32	-	-	1-2, 8-32	1-2, 8-16	1-16	8-32	1-2, 8-32	2,16	1-16	1-2,16	Cft
Cefoxitin	8-16	-	-	8-16	8-16	8-16	-	8-16	8	8-16	8	Cfx
Ceftazidime	1, 4-16	1-32	1-32	1, 4-16	1, 4-16	1-8	1-16	1, 4-16	1,4-16	1-8	1,4-8	Caz
Ceftriaxone	-	-	-	-	-	-	-	-	1-2	-	-	Cax
Cefuroxime	4-16	-	-	4-16	8-16	8-16	-	4-16	8-16	4-8	4-8	Crm
Cephalothin	8-16	-	-	-	8-16	8-16	-	-	-	-	-	Cf
Chloramphenicol	-	-	-	-	-	-	-	-	-	-	8	C
Ciprofloxacin	0.5-2	0.5-2	0.5-2	1-2	1-2	0.5-2	0.5-2	1-2	0.06, 0.25-1	0.25-1	0.25-1	Cpe
Colistin	-	2-4	2-4	2-4	2-4	-	2-4	2-4	2-4	-	2-4	Cl
Doripenem	-	-	-	1-2	-	-	1-4	-	-	-	-	Dor
Ertapenem	0.5-4	-	-	-	0.5-1	0.5-1	-	0.5-2	0.5-1	0.5-1	0.5-1	Etp
ESBL Confirmation - Cefotaxime/K Clavulanate	0.5/4-1/4, 4/4	-	-	0.5/4, 4/4	0.5/4, 4/4	0.5/4-1/4, 4/4	-	0.5/4, 4/4	0.5/4, 4/4	0.5/4-1/4, 4/4	0.5/4, 4/4	Cft/CA
ESBL Confirmation - Ceftazidime/K Clavulanate	0.25/4, 2/4	-	-	0.25/4, 2/4	0.25/4, 2/4	0.25/4-0.5/4, 2/4	-	0.25/4, 2/4	0.25/4, 2/4	0.25/4, 2/4	0.25/4, 2/4	Caz/CA
Fosfomycin	-	16-64	16-64	-	64	-	-	-	32	32-64	32	Fos
Gentamicin	2-8	1-8	1-8	4-8	4-8	2-8	2-8	4-8	4-8	2-4	2-4	Gm
Imipenem	1-8	1-8	1-8	1-8	1-8	1-8	1-8	1-8	1-4	1-8	1-8	Imp
Levofloxacin	-	1-4	1-4	2-4	2-4	1-4	1-4	2-4	0.5-1	0.5-2	0.5-1	Lvx
Mecillinam	-	-	-	-	-	-	-	-	-	-	8	Mec
Meropenem	-	1-8	1-8	1-8	1-8	1-8	1-8	1-8	0.5-8	0.12,2-8,32	0.12,2,8	Mer
Minocycline	-	4-8	4-8	-	-	-	4-8	-	-	-	-	Min
Nalidixic Acid	16	-	-	-	16	-	-	16	-	16	16	NA
Nitrofurantoin	-	-	-	-	32-64	-	-	-	-	-	64	Fd
Norfloxacin	-	-	-	-	4-8	-	-	-	-	-	-	Nxn
Piperacillin	-	-	-	16, 64	-	-	8-16, 64	-	-	-	4-16	Pi
Piperacillin/Tazobactam	8/4-16/4, 64/4	8/4-64/4	8/4-64/4	16/4, 64/4	16/4, 64/4	8/4-16/4, 64/4	8/4-16/4, 64/4	16/4, 64/4	16/4,64/4	8/4-16/4	4/4-16/4	P/T
Tetracycline	-	-	-	-	-	-	-	4-8	-	-	8	Te
Ticarcillin	-	16-64	8-32	-	-	-	16, 64	-	-	-	-	Ti
Ticarcillin/K Clavulanate	-	-	-	16, 64	-	-	-	16, 64	-	-	-	Tim
Tigecycline†	1-2	0.5-2	0.5-2	2-4	1-2	1-2	1-2	-	0.5-1	1-2	1-2	Tgc
Tobramycin	2-8	2-8	2-8	4-8	4-8	2-8	2-8	4-8	-	2-4	2-4	To
Trimethoprim	-	-	-	-	-	-	-	-	-	-	2-4	T
Trimethoprim/Sulfamethoxazole	2/38	2/38	2/38	2/38	2/38	2/38-4/76	2/38-4/76	2/38	2/38-4/76	2/38-4/76	2/38-4/76	T/S
Total antimicrobial agents/panel	20	18	18	25	28	21	20	25	25	23	30	

PANEL DEFINITIONS

Neg Combo:

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides both Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as systemic reporting.

Neg EN Combo (Neg Entero Combo Panel Type 70):

Provides Gram-negative identification and susceptibility results on one panel.

Drug selection provides Enterobacteriaceae coverage, as well as urine and systemic reporting.

Neg NF Combo (Neg Non-Entero Combo Panel Type 71):

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides non-Enterobacteriaceae coverage, as well as urine and systemic reporting.

Neg BP (Breakpoint) Combo:

Provides Gram-negative identification and susceptibility results on Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as urine and systemic reporting. Panel contains shorter dilutions around the breakpoints, allowing for a broader drug menu.

Neg/Urine Combo:

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides both Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as urine and systemic reporting.

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PL: POLISH
PT: PORTUGUESE
RU: RUSSIAN
TR: TURKISH

PANEL NAME	NEG BP COMBO 42	NEG BP COMBO 46	NEG BP COMBO 48	NEG BP COMBO 49	NEG BP COMBO 50	NEG/URINE COMBO 52	NEG/URINE COMBO 57	NEG/URINE COMBO 59	NEG/URINE COMBO 69	NEG URINE COMBO 95	
MICROSCAN CATALOG NUMBER	B1016-137	B1016-162	B1016-169	B1016-179	B1016-189	B1016-141	B1016-156	B1016-159	B1016-176	C79387	
THERAPY GUIDELINES	CLSI	EUCAST	CLSI	CLSI OR EUCAST	CLSI	CLSI	EUCAST	EUCAST	CLSI OR EUCAST	EUCAST	
LANGUAGES	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU	DE, EN, ES, FR, IT, KO, PT, RU	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, IT, NO, RU, PT	DE, EN, ES, FR, GR, IT, PL, PT, RU	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	BR, DE, EN, ES, FR, IT, NL, NO, PT	
Antimicrobial agent	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	Abbr.
Amikacin	16-32	8-16	16-32	16-32	16-32	-	8-16	-	8-16	8-16	Ak
Amoxicillin	-	-	-	-	-	-	4-8	-	-	-	Amx
Amoxicillin/K Clavulanate (CLSI)	8/4-16/8	2/1-8/4	8/4-16/8	-	8/4-16/8	8/4-16/8	4/2-8/4	8/4-16/8	4/2-16/8	-	Aug
Amoxicillin/K Clavulanate-E (EUCAST)	-	-	-	-	-	-	-	-	-	8/2, 32/2	Aug-E
Ampicillin	8-16	2-8	-	8-16	8-16	8-16	-	8-16	8-16	4-8	Am
Ampicillin/Sulbactam (CLSI)	-	-	-	8/4-16/8	8/4-16/8	-	-	-	-	-	A/S
Aztreonam	-	-	4-16	-	4-16	-	1, 8-16	-	-	-	Azt
Cefazolin	8-16	-	8-16	-	2-4	8-16	-	8-16	-	-	Cfz
Cefepime	8-16	1, 4-8	8-16	8-16	8-16	1, 8-16	1, 8	1, 8-16	-	1-8	Cpe
Cefixime	-	-	-	-	-	-	1-2	-	-	1	Cfe
Cefoperazone/Sulbactam	-	-	16/8-32/16	-	-	-	-	-	-	-	C/S
Cefotaxime	2, 8-32	1-2, 16	1-2, 8-32	1-2, 8-32	1-2, 16	1-32	1-2, 16	1-32	1-16	1-16	Cft
Cefoxitin	8	8	8-16	8	8-16	8-16	8, 32	8-16	8-16	8-16	Cfx
Cefpodoxime	-	1	-	-	-	-	-	-	-	-	Cpd
Ceftazidime	1, 4-16	1, 4-8	1, 4-16	1, 4-16	1, 4-16	1-16	1, 4-8	1-16	1-16	1-16	Caz
Ceftriaxone	-	-	-	-	-	-	-	-	-	-	Cax
Cefuroxime	4-16	4-8	4-16	4-16	4-16	4-16	8	4-16	8-16	4-8	Crm
Cephalothin	-	-	-	-	-	8-16	8, 32	8-16	-	-	Cf
Chloramphenicol	-	8	-	-	-	-	-	-	-	-	C
Ciprofloxacin	1-2	0.5-1	1-2	1-2	1-2	0.5-2	0.5-2	0.5-2	0.5-2	0.25-1	Cpe
Colistin	2-4	2-4	2-4	2-4	2-4	-	2-4	-	-	2-4	Cl
Doripenem	-	-	1-2	-	-	-	-	-	-	-	Dor
ESBL Confirmation - Cefotaxime/K Clavulanate	0.5/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	0.5/4-1/4, 4/4	0.5/4, 4/4	0.5/4, 4/4	0.5/4-1/4, 4/4	0.5/4-1/4, 4/4	Cft/CA
ESBL Confirmation - Ceftazidime/K Clavulanate	0.25/4, 2/4	0.25/4, 2/4	0.25/4, 2/4	0.25/4, 2/4	0.25/4, 2/4	0.25/4-0.5/4, 2/4	0.25/4, 2/4	0.25/4-0.5/4, 2/4	0.25/4-0.5/4, 2/4	0.25/4-0.5/4, 2/4	Caz/CA
Ertapenem	2-4	0.5-1	0.5-1	0.5-1	0.5-1	1	0.5-1	0.5-1	0.5-1	0.5-1	Etp
Fosfomycin	32	32	-	32-64	-	16-64	32	16-64	32-64	32-64	Fos
Gentamicin	4-8	2-4	4-8	4-8	4-8	2-8	2-4	2-8	2-8	2-4	Gm
Imipenem	4-8	2-8	1-8	1-8	1-8	1-8	2-8	1-8	1-8	1-8	Imp
Levofloxacin	2-4	1-2	2-4	2-4	2-4	-	-	-	1-4	0.5-1	Lvx
Mecillinam	-	-	-	-	-	-	8	-	-	8	Mec
Meropenem	1, 4-8	2, 8	1-8	1-8	1-8	-	-	-	1-8	-	Mer
Mezlocillin	16, 64	-	-	-	-	-	-	-	-	-	Mz
Moxifloxacin	0.5-1	0.5-1	-	0.5-1	0.5-1	-	-	-	-	-	Mxf
Nalidixic Acid	-	-	-	16	-	16	8-16	16	16	16	NA
Nitrofurantoin	32-64	64	-	32-64	32-64	32-64	64	32-64	32-64	32-64	Fd
Norfloxacin	4-8	0.5-1	-	-	4-8	0.5-1, 4-8	0.5-1	0.5-1	0.5-1	0.5-1	Nxn
Ofloxacin	-	-	-	-	-	-	0.5-1	-	-	-	Ofi
Piperacillin	16, 64	4-16	-	16, 64	-	-	-	-	-	-	Pi
Piperacillin/Tazobactam	16/4, 64/4	4/4-16/4	16/4, 64/4	16/4, 64/4	16/4, 64/4	8/4-16/4, 64/4	8/4-16/4	8/4-16/4, 64/4	8/4-16/4, 64/4	8/4-16/4	P/T
Tetracycline	4-8	4-8	4-8	4-8	-	-	4-8	-	-	-	Te
Ticarcillin	-	-	-	-	-	-	8-16	-	-	8-16	Ti
Ticarcillin/K Clavulanate	-	-	16, 64	-	-	-	8-16	-	-	-	Tim
Tigecycline†	1-2	1-2	2-4	1-2	1-2	-	1-2	-	-	-	Tgc
Tobramycin	4-8	2-4	-	4-8	4-8	2-8	2-4	2-8	2-8	2-4	To
Trimethoprim	8	8	-	-	-	-	-	-	-	-	T
Trimethoprim/Sulfamethoxazole	2/38	2/38-4/76	2/38	2/38-4/76	2/38	2/38-4/76	2/38-4/76	2/38-4/76	2/38-4/76	2/38-4/76	T/S
Total antimicrobial agents/panel	30	30	25	27	27	22	31	22	22	26	

PANEL DEFINITIONS

Neg Combo:

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides both Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as systemic reporting.

Neg EN Combo (Neg Enterobacteriaceae Combo Panel Type 70):

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides Enterobacteriaceae coverage, as well as urine and systemic reporting.

Neg NF Combo (Neg Non-Enterobacteriaceae Combo Panel Type 71):

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides non-Enterobacteriaceae coverage, as well as urine and systemic reporting.

Neg BP (Breakpoint) Combo:

Provides Gram-negative identification and susceptibility results on Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as urine and systemic reporting. Panel contains shorter dilutions around the breakpoints, allowing for a broader drug menu.

Neg/Urine Combo:

Provides Gram-negative identification and susceptibility results on one panel. Drug selection provides both Enterobacteriaceae and non-Enterobacteriaceae coverage, as well as urine and systemic reporting.

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PANEL NAME	POS COMBO 31	POS COMBO 32	POS COMBO 39	POS COMBO 37	POS COMBO 38	POS COMBO 41	POS COMBO 42	POS BP COMBO 28	POS BP COMBO 32	POS BP COMBO 33	
MICROSCAN CATALOG NUMBER	B1016-139	B1016-140	B1016-167	B1016-160	B1016-161	B1016-172	B1016-174	B1016-138	B1016-152	B1016-164	
THERAPY GUIDELINES	CLSI	CLSI	CLSI	EUCAST	EUCAST	CLSI	CLSI OR EUCAST	CLSI	EUCAST	EUCAST	
LANGUAGES	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, IT, KO, PT, RU	DE, EN, ES, FR, GR, IT, PL, PT, RU	DE, EN, ES, FR, GR, IT, PL, PT, RU	DE, EN, ES, FR, IT, PT, RU	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	
Antimicrobial agent	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	Abbr.
Amikacin	8-32	-	16-32	8-32	-	-	-	-	-	-	Ak
Amoxicillin/K Clavulanate	4/2	-	4/2	4/2-8/4	-	4/2	4/2-8/4	4/2-8/4	4/2-8/4	2/1-8/4	Aug
Ampicillin	-	1-8	-	-	1-8	2-8	0.25, 4-8	0.25, 4-8	4-8	2-8	Am
Ampicillin/Sulbactam	-	-	8/4-16/8	-	-	8/4-16/8	-	-	-	-	A/S
Arbekacin	-	-	4-8	-	-	-	-	-	-	-	Abk
Azithromycin	-	-	2-4	-	-	-	-	2-4	-	1-2	Azi
Cefazolin	-	-	8-16	-	-	-	-	-	-	-	Cfz
Cefotaxime	-	-	-	-	-	-	-	-	-	-	Cft
Cefoxitin Screen	4	4	4	4	4	4	4	4	4	4	CfxS
Ceftaroline*	-	-	-	-	-	-	0.5-1	-	-	-	Cpt
Ceftriaxone	-	-	-	-	-	8, 32	-	-	-	-	Cax
Cefuroxime	-	-	4-16	-	-	-	-	-	-	-	Crm
Cephalothin	-	-	8-16	-	-	-	-	-	8-16	-	Cf
Chloramphenicol	-	-	-	-	-	-	-	-	8-16	8	C
Ciprofloxacin	1-2	0.5-2	-	0.5-2	0.5-2	1-2	1-2	1-2	1-2	0.5-1	Cp
Clarithromycin	-	-	2-4	-	-	-	-	-	1-2	-	Cla
Clindamycin	0.25-2	0.25-2	0.25-0.5, 2	0.25-2	0.25-2	0.25-0.5, 2-4	0.25-2	0.25-0.5, 2	0.25-0.5, 2	0.25-0.5, 2	Cd
Daptomycin	1-4	0.5-4	1, 4	0.5-4	0.25-4	0.5-4	1-4	1-4	1, 4	1-4	Dap
Erythromycin	0.5-4	0.25-4	0.5-4	0.5-4	0.25-4	0.5-4	0.5-4	0.5-4	1-2	1-2	E
Fosfomycin	32-64	32-64	-	32-64	32-64	-	32-64	32	32	32	Fos
Fusidic Acid	2, 16	-	2, 16	2, 16	-	-	-	2, 16	2, 16	2	FA
Gentamicin	1, 4-8	1, 4-8	4-8	1-4	1-2	1-8	1, 4-8	1, 4-8	1-2	1-4	Gm
Gentamicin Synergy Screen	-	500	500	-	500	500	500	500	500	500	GmS
Imipenem	-	-	-	-	-	-	-	4-8	-	2-8	Imp
Inducible Clindamycin Test	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	4/0.5	ICd
Kanamycin Synergy Screen	-	-	-	-	-	-	-	-	-	-	KS
Levofloxacin	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-2	Lvx
Lincomycin	-	-	-	-	-	-	-	-	-	-	Lin
Linezolid	2-4	1-4	1-4	1-4	1-4	2-4	2-4	2-4	2-4	2-4	Lzd
Moxifloxacin	-	-	-	-	-	-	-	0.5-1	0.5-1	0.5-1	Mxf
Mupirocin	4-8, 256	-	4-8, 256	4-8, 256	-	-	256	4-8, 256	-	4-8, 256	Mup
Netilmicin	-	-	-	-	-	-	-	-	2-4	-	Nt
Nitrofurantoin	32-64	32-64	32-64	32-64	32-64	32-64	32-64	32-64	32-64	64	Fd
Norfloxacin	-	-	-	-	-	-	-	-	4-8	-	Nxn
Oxacillin	0.25-2	0.25-2	0.25, 1-2	0.25-2	0.25-2	0.25-2	0.25-2	0.25, 1-2	0.25, 1-2	0.25-2	Ox
Penicillin	0.03, 0.12-0.25	0.03, 0.12-0.25, 2, 8	0.03, 0.12-0.25, 2, 8	0.03, 0.12-0.25	0.03, 0.12-0.25, 2, 8	0.12-0.25, 2, 8	0.12-0.25	0.03, 0.12, 8	0.03-0.12, 8	0.12-0.25, 2	P
Pristinamycin	-	-	-	-	-	-	1-2	-	-	-	P/T
Rifampin	0.5-2	-	-	0.5-2	-	1-2	-	1-2	1-2	1-2	Rif
Streptomycin Synergy Screen	-	1,000	1,000	-	1,000	1,000	1,000	1,000	1,000	1,000	StS
Synercid	-	0.5-2	-	-	1-4	0.5-2	1-4	1-2	1-4	1-4	Syn
Teicoplanin	1-16	1-16	8-16	1-8	1-8	2-16	2-16	4-16	1-8	2-8	Tei
Tetracycline	1, 4-8	1-8	4-8	1-2	1-8	2-8	1-8	4-8	1-2	1-2	Te
Tobramycin	1, 4-8	-	-	1-2	-	-	1, 4-8	-	-	-	To
Trimethoprim/Sulfamethoxazole	1/19-4/76	1/19-4/76	-	1/19-4/76	1/19-4/76	0.5/9.5, 2/38	2/38-4/76	2/38-4/76	2/38-4/76	1/19-4/76	T/S
Vancomycin	0.5-16	1-16	0.25-16	0.5-8	0.25-8	0.25-16	1-16	0.5-16	0.5-8	0.5-8	Va
Total antimicrobial agents/panel	23	21	27	23	21	24	26	28	29	29	

PANEL DEFINITIONS

Pos Combo:

Provides Gram-positive identification and susceptibility results on one panel. Drug selection provides both staphylococci and enterococci coverage, as well as urine and systemic reporting.

Pos BP Combo:

Provides Gram-positive identification and susceptibility results on one panel. Drug selection provides both staphylococci and enterococci coverage, as well as urine and systemic reporting. Panel contains shorter dilutions around the breakpoints, allowing for a broader drug menu.

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PANEL NAME	POS MIC 32	POS MIC 33	POS MIC STA 35	POS MIC STA 36	POS MIC E 37	
MICROSCAN CATALOG NUMBER	B1016-165	B1016-173	B1016-181	B1016-182	B1016-183	
THERAPY GUIDELINES	EUCAST	CLSI OR EUCAST	CLSI	EUCAST	CLSI OR EUCAST	
LANGUAGES	DE, EN, ES, FR, GR, IT, NO, PL, PT, RU	BR, DE, EN, ES, FR, GR, IT, PL, PT, RU, TR	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, IT, NO, PT	DE, EN, ES, FR, IT, NO, PT	
Antimicrobial agent	µg/mL	µg/mL	µg/mL	µg/mL	µg/mL	Abbr.
Amikacin	–	8–32	8–32	4–16	–	Ak
Amoxicillin/K Clavulanate	0.5/0.25–8/4	4/2–8/4	4/2–8/4	–	2/1–8/4	Aug
Ampicillin	0.5–8	0.25, 4–8	–	–	1–8	Am
Azithromycin	1–2	–	–	0.5–2	–	Azi
Cefepime	4–8	–	–	–	–	Cpe
Cefotaxime	1–2	–	–	–	–	Cft
Cefoxitin screen	4	4	4	4	–	CfxS
Ceftaroline*	–	0.5–1	0.5–2	0.12–2	–	Cpt
Cefuroxime	4–8	–	–	–	–	Crm
Chloramphenicol	8	8–16	–	8	8–16	C
Ciprofloxacin	0.5–1	1–2	0.5–2	0.25–2	0.5–2	Cp
Clindamycin	0.25–0.5, 2	0.25–2	0.25–2	0.12–0.5	0.25–1	Cd
Daptomycin	0.5–4	1–4	0.25–4	0.25–1	0.25–4	Dap
Ertapenem	0.5–1	–	–	–	–	Etp
Erythromycin	1–2	0.5–4	0.25–4	0.5–2	0.25–4	E
Fosfomicin	32	32–64	4, 16–64	32	32–64	Fos
Fusidic acid	2	2	2, 16	2, 16	–	FA
Gentamicin	1–4	1–8	1–8	1–4	–	Gm
Gentamicin Synergy Screen	500	500	–	–	500	GmS
Imipenem	2–8	4–8	–	–	2–8	Imp
Inducible Clindamycin Test	4/0.5	4/0.5	4/0.5	4/0.5	–	ICd
Kanamycin	–	–	–	8–16	–	K
Levofloxacin	1–2	1–4	0.5–4	0.5–4	1–4	Lvx
Lincomycin	–	–	–	–	1–8	Lin
Linezolid	0.5–4	1–4	1–4	2–4	1–4	Lzd
Meropenem	2–8	–	–	–	–	Mer
Minocycline	–	1–8	4–8	1	1–8	Min
Moxifloxacin	0.5–1	0.5–1	–	0.25–2	0.25–1	Mxf
Mupirocin	4–8, 256	256	4–8, 256	4–8, 256	–	Mup
Nitrofurantoin	64	32–64	32–64	32–64	32–64	Fd
Norfloxacin	–	4–8	–	–	–	Nxn
Ofloxacin	–	–	1	0.5–2	–	Ofl
Oxacillin	0.25–2	0.25–2	0.25–2	0.25–2	–	Ox
Penicillin	0.03–0.25, 2	0.12–0.25, 8	0.03, 0.12–0.25, 2	0.03–0.12	0.06–8	P
Pristinamycin	–	1–2	–	0.5–2	0.5–2	Prs
Rifampin	0.5–2	0.5–2	0.5–2	0.5–2	0.5–2	Rif
Streptomycin Synergy Screen	1,000	1,000	–	–	1,000	StS
Synercid	1–4	1–4	0.5–2	0.5–2	1–4	Syn
Teicoplanin	1–8	1–16	1–16	1–8	1–16	Tei
Tetracycline	1–2	1–8	1–8	1–2	1–8	Te
Tigecycline†	–	–	0.25–1	0.25–1	0.25–1	Tgc
Tobramycin	1–4	1–8	1–8	1–4	–	To
Trimethoprim/Sulfamethoxazole	1/19–4/76	2/38–4/76	1/19–4/76	1/19–4/76	0.25/4.75–2/38	T/S
Vancomycin	0.25–8	0.25–16	0.25–16	0.25–16	0.25–32	Va
Total antimicrobial agents/panel	35	34	28	32	26	

PANEL DEFINITIONS

Pos MIC: Provides Gram-positive susceptibility results only and longer dilution schemes for better detection of emerging resistance. Drug selection provides both staphylococci and enterococci coverage, as well as urine and systemic reporting.

Pos MIC STA: Provides susceptibility results for staphylococci Gram-positive organisms.

Pos MIC E: Provides susceptibility results for enterococci Gram-positive organisms

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PANEL NAME	MICROSTREP PLUS 6	MICROSTREP PLUS 3	
MICROSCAN CATALOG NUMBER	B1016-170	B1016-89A	
THERAPY GUIDELINES	CLSI OR EUCAST	CLSI OR EUCAST	
LANGUAGES	BR, DE, EN, FR, GR, IT, PL	DE, EN, ES, IT, PT	
Antimicrobial agent	µg/mL	µg/mL	Abbr.
Amoxicillin/K Clavulanate	1/0.5-4/2	0.25/0.12-4/2	Aug
Ampicillin	0.06-4	0.03-8	Am
Azithromycin	0.12-2	0.25-4	Azi
Cefaclor	-	1-2, 8-16	Cfr
Cefepime	0.25-2	0.12-2	Cpe
Cefotaxime	0.25-2	0.03-8	Cft
Ceftriaxone	0.25-2	-	Cax
Cefuroxime	0.25-2	0.25-8	Crm
Chloramphenicol	2-8	1-8	C
Clarithromycin	0.12-2	-	Cl
Ciprofloxacin	-	0.06-2	Cp
Clindamycin	0.06-0.5	0.25-2	Cd
Daptomycin	0.25-2	-	Dap
Erythromycin	0.06-0.5	0.25-4	E
Gatifloxacin	-	-	Gat
Levofloxacin	0.5-4	-	Lvx
Linezolid	1-4	-	Lzd
Meropenem	0.25-2	0.06-4	Mer
Minocycline	0.5-2	-	Min
Moxifloxacin	0.25-2	-	Mxf
Penicillin	0.03-4	0.03-8	P
Pristinamycin	1-2	-	Prs
Rifampin	0.5-2	0.5-2	Rif
Tetracycline	1-4	1-4	Te
Trimethoprim/Sulfamethoxazole	0.25/4.75-2/38	0.25/4.75-2/38	T/S
Vancomycin	0.25-4	0.5-8	Va
Total antimicrobial agents/panel	23	17	

PANEL DEFINITIONS

MICroSTREP:

Provides susceptibility results for aerobic non-enterococcal streptococci, including *Streptococcus pneumoniae*. B1016-89A also provides susceptibility results for *Haemophilus influenzae* and *parainfluenzae*.

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