

Antimicrobials in sensititre panels used at MDU PHL

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The Sensititre MIC and breakpoint susceptibility system is an invitro diagnostic product for clinical susceptibility testing.

Panel	Use
GN6F, EUMDRXXF, GPN3F	Non fastidious Gram neative an Gram positive organisms comprising of <i>Enterobacteriaceae</i> , <i>Pseudomonas aeruginosa</i> , and other non- <i>Enterobacteriaceae</i> and of non-fastidious Gram positive isolates comprising of <i>Staphylococcus</i> sp., <i>Enterococcus</i> sp., and Beta haemolytic <i>Streptococci</i> other than <i>S. pneumoniae</i>
GN6F, EUMDRXXF	MIC ranges designe for Gram negative breakpoint interpretation
GPN3F	MIC ranges designed for Gram positive breakpoint interpretation
STPF	Fastidious organisms including <i>Haemophilus influenzae</i> , <i>Streptococcus pneumoniae</i> ,
CMV5AGNP	Gram negative non-fastidious organisms e.g. <i>Shigella</i> , <i>Stenotrophomonas maltophilia</i>

Antimicrobial	GN6F	EUMDRXXF	CMV5AGNF	GPN3F	STPF
Amikacin	8 - 32	2 - 32			
Amox-Clav Acid			1/2 - 32/2		2/1 - 16/8
Ampicillin	8 - 16		1-32	0.12 - 16	
Amp-Sulbact	4/2 - 16/8				
Azithromycin			0.25-32		0.25 - 2
Aztreonam	1 - 16	1 - 32			
Cefazolin	1 - 16				
Cefepime	2 - 16	1 - 16			0.5 - 8
Cefotaxime					0.12 - 4
Cefoxitin			1-32		
Cefpodoxime					
Ceftaz-Avibactam	2/4 - 16/4	0.25/4 - 16/4			
Ceftazidime	1 - 16				
Cefiderocol					
Ceftoloz-Tazo	2/4-16/4	0.25/4 - 8/4			
Ceftriaxone	0.5 - 32		0.25-64	8 - 64	0.12 - 2
Cefuroxime					0.5 - 4
Cephalothin					
Chloramphenicol				2-32	1 - 32
Ciprofloxacin	0.5 - 2		0.016-4	0.5 - 2	
Clindamycin				0.12 - 2	0.12 - 1
Colistin		0.5 - 16	0.25-8		
Daptomycin				0.25 - 8	0.06 - 2
Delafloxacin					
Doripenem	0.5 - 4				
Eravacycline		0.008 - 0.5			
Ertapenem	0.25 - 8				0.5 - 4
Erythromycin				0.25 - 4	0.25 - 2
Fosfomycin		16 - 64			
Gatifloxacin				1 - 8	
Genta high-level				500	
Gentamicin	2 - 8		0.25-16	2 - 16	
Imipenem	1 - 8	1 - 8			
Imip-relebact		0.06/4 - 8/4			
Levofloxacin	1 - 8			0.25 - 8	0.5 - 4
Lemafulin					
Linezolid				0.5 - 8	0.25 - 4
Meropenem	0.5 - 8	0.12 - 16	0.06-4		0.25 - 2
Mero-vabor		0.06/8 - 16/8			
Minocycline	1 - 8				
Moxifloxacin					1 - 8
Naladixic acid			0.5-32		
Nitrofurantoin	32 - 64				
Omadacycline					
Oxacillin				0.25 - 8	
Penicillin				0.06 - 8	0.03 - 4
Piper-Tazo	8/4 - 128/4	4/4 - 32/4			
Plazomicin					
Quinu-Dalfopristin				0.12 - 4	
Rifampicin				0.5 - 4	
Sulfasoxazole			16-256		
Streptomycin high-level				1000	
Tetracycline	4 - 8		4-32	2 - 16	1 - 8
Ticar-Clav Acid					
Tigecycline	1 - 8	0.5 - 1			0.015 - 0.12
Tobramycin	2 - 8	0.5 - 4			
Trimeth-Sulpha	2/38 - 4/76		0.12/2.38 - 4/76	1/19 - 4/76	0.5/9.5 - 4/76
Vancomycin				1 - 128	0.5 - 4