

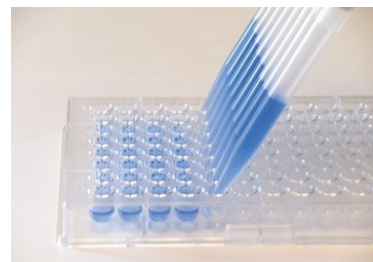
## Pseudomonas & Cystic Fibrosis

Micronaut –S products are based on broth microdilution described in ISO20776-1:2006 referred to in EUCAST documents

**MICRONAUT-S Pseudomonas MIC**

**MICRONAUT-S Cystic Fibrosis**

**MICRONAUT-S Colistin MIC**



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**MICRONAUT-S Pseudomonas 2** provides M.I.C. results against 16 antibiotics that may be used to treat Pseudomonas spp.

New to Pseudomonas 2 are; Ceftolozane- tazobactam & Ceftazadime-avibactam

EUCAST has advised that only broth microdilution should be used to obtain Colistin M.I.C. data.

**MICRONAUT-S Cystic Fibrosis** provides susceptibility data against 10 individual antibiotics and 14 combinations of antibiotics.

**MICRONAUT-S Colistin MIC individual strips** are in-line with the EUCAST news bulletin issued 22 March 2016 which highlights problems with several methods, and suggests only broth microdilution method (ISO 20776-1:2006 )' is suitable. The bulletin states:

**'Susceptibility testing by other methods, including agar dilution, disk diffusion and gradient diffusion, cannot be recommended'**



## MICRONAUT-S Pseudomonas 2 MIC

Amikacin	32	16	8	4				
Aztreonam	16	8	4	1				
Cefipim	8	4	2	1				
Ceftazadim	32	16	8	4	2	1	0.5	0.25
Ceftazadim/Avibactam	8/4	4/4	2/4	1/4				
Ceftolozan/Tazobactam	8/4	4/4	2/4	1/4				
Ciprofloxacin	8	4	2	1	0.5	0.25	0.125	0.0625
Colistin	8	4	2	1				
Fosfomycin	64	32	16	8				
Gentamycin	32	16	8	4	2	1	0.5	0,25
Imipenem	8	4	2	1				
Levofloxacin	8	4	2	1	0.5	0.25	0.125	
Meropenem	16	8	4	2	1	0.5	0.25	0.125
Pip/tazobactam	128/4	64/4	32/4	16/4	8/4	4/4	2/4	1/4
Tobramycin	32	16	8	4	2	1	0.5	0.25
Trim/Sulfamethoxazol	8/152	4/76	2/38	1/19				

## MICRONAUT-S Cystic Fibrosis

Amikacin	64	32	16	8	Meropenem	16	8	4	2
Aztreonam	32	16	8	4	Meropenem/Amikacin	16/16	8/16	4/16	2/16
Ceftazadim	32	16	8	4	Meropenem/Fosfomycin	16/32	8/32	4/32	2/32
Ceftazadim/Amikacin	32/16	16/16	8/16	4/16	Meropenem/Tobramycin	16/4	8/4	4/4	2/4
Ceftazidim/Fosfomycin	32/32	16/32	8/32	4/32	Piperacillin	128	64	32	16
Ceftazadim/Tobramycin	32/4	16/4	8/4	4/4	Piperacillin/Tazobactam	128/4	64/4	32/4	16/4
Ciprofloxacin	4	2	1	0.5	Tobramycin	16	8	4	2
Ciprofloxacin/Colistin	4/2	2/2	1/2	0.5/2	Tobramycin/Ceftazidim	16/8	8/8	4/8	2/8
Colistin	8	4	2	1	Tobramycin/Meropenem	16/4	8/4	4/4	2/4
Colistin/Ciprofloxacin	8/1	4/1	2/1	1/1	Trimeth/Sulfamethoxazole	4/76	2/38	1/19	
Fosfomycin	128	64	32	16					
Fosfomycin/Ceftazidim	128/8	64/8	32/8	16/8					
Fosfomycin/Meropenem	128/4	64/4	32/4	16/4					
Levofloxacin	8	4	2	1					

## MICRONAUT-S Colistin MIC

Colistin	64	32	16	8	4	2	1	0.5	0.25	0.125	0.0625
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