

Auswerteprotokoll – MICRONAUT-S MRSA / GP

Nur zur *in vitro* Diagnostik



REF: E1-055-040

Platten-Nr.:

Material-Nr. Isolat:

Kreuzen Sie bitte bei der Ablesung der Testplatte die ermittelte MHK an.

MHK = Die niedrigste Konzentration eines Antibiotikums bei der kein Wachstum festgestellt wurde (Minimale Hemmkonzentration).

	1	2	3	4	5	6	7	8	9	10	11	12
A	PEN 8 ○	AMP 16 ○	OXA 16 ○	RAM 2 ○	TPL 16 ○	VAN 32 ○	FOS 64 ○	LIZ 8 ○	TGC 1 ○	GNH 128 ○	GNH 500 ○	MUP 256 ○
B	PEN 4 ○	AMP 8 ○	OXA 8 ○	RAM 1 ○	TPL 8 ○	VAN 16 ○	FOS 32 ○	LIZ 4 ○	TGC 0.5 ○	T/S 4/76 ○	FUS 2 ○	MUP 1 ○
C	PEN 2 ○	AMP 4 ○	OXA 4 ○	RAM 0.5 ○	TPL 4 ○	VAN 8 ○	FOS 16 ○	LIZ 2 ○	TGC 0.25 ○	T/S 2/38 ○	FUS 1 ○	ERY 4 ○
D	PEN 1 ○	AMP 2 ○	OXA 2 ○	RAM 0.0625 ○	TPL 2 ○	VAN 4 ○	FOS 8 ○	LIZ 1 ○	TGC 0.125 ○	T/S 1/19 ○	GEN 8 ○	ERY 2 ○
E	PEN 0.5 ○	CFL 2 ○	OXA 1 ○	COX 16 ○	TPL 1 ○	VAN 2 ○	SYN 4 ○	DPT 4 ○	MOX 2 ○	T/S 0.5/9.5 ○	GEN 4 ○	ERY 1 ○
F	PEN 0.25 ○	CFL 1 ○	OXA 0.5 ○	COX 8 ○	TPL 0.5 ○	VAN 1 ○	SYN 2 ○	DPT 2 ○	MOX 1 ○	T/S 0.03/0.6 ○	GEN 2 ○	ERY 0.5 ○
G	PEN 0.125 ○	CFL 0.5 ○	OXA 0.25 ○	COX 4 ○	TPL 0.25 ○	VAN 0.5 ○	SYN 1 ○	DPT 1 ○	MOX 0.5 ○	ERC 4/0.5 ○	GEN 1 ○	ERY 0.25 ○
H	PEN 0.0625 ○	CFL 0.25 ○	OXA 0.125 ○	COX 2 ○	TPL 0.125 ○	VAN 0.25 ○	SYN 0.5 ○	DPT 0.5 ○	MOX 0.25 ○	CLI 0.5 ○	GEN 0.5 ○	GC ○

Legende: Angabe der Konzentrationen in µg/ml

Wachstumskontrolle: GC

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Interpretation

Anmerkung: Alle Angaben ohne Gewähr.

Antibiotikum	Kürzel	Taxon	Breakpoints gemäß EUCAST (Version 10.0 / 2020-01-01)		
			(S) Sensibel ≤	(I) Sensibel erhöhte Exposition	(R) Resistent ≥
Penicillin G	PEN	PK-PD	0,25	0,5 - 2	4
		<i>Staphylococcus</i> spp.	0,125	-	0,25
		<i>Aerococcus sanguinicola/urinae</i>			
		<i>Corynebacterium</i> spp.			
		<i>Streptococcus pneumoniae</i>	0,0625	0,125 - 2	4
		<i>Streptococcus pneumoniae</i> (Meningitis)	0,0625	-	0,125
		<i>Streptococcus</i> – Viridans Group	0,25	0,5 - 2	4
		<i>Streptococcus</i> – Group A, B, C, G	0,25	-	0,5
Ampicillin	AMP	<i>Listeria monocytogenes</i>	1	-	2
		PK-PD	2	4 - 8	16
		<i>Enterococcus</i> spp.	4	8	16
		<i>Streptococcus pneumoniae</i>	-	1 - 2	4
Ceftarolin	CFL	<i>Streptococcus</i> – Viridans Group			
		PK-PD	0,5	-	1
		<i>Staphylococcus aureus</i>	1	2	4
		<i>Staphylococcus aureus</i> (Pneumonia)	1	-	2
		<i>Staphylococcus</i> (KNS)	-	-	-
Oxacillin	OXA	<i>Streptococcus pneumoniae</i>	0,25	-	0,5
		<i>Staphylococcus aureus</i> <i>Staphylococcus lugdunensis</i> , <i>Staphylococcus saprophyticus</i>	2	-	4
		<i>Staphylococcus</i> (KNS)	0,25	-	0,5
Cefoxitin	COX	<i>Staphylococcus aureus</i>	4	-	8
		<i>Staphylococcus lugdunensis</i>	8	-	16
		<i>Staphylococcus saprophyticus</i>			
Rifampicin	RAM	<i>Staphylococcus</i> spp.	0,0625	0,125 - 0,5	1
		<i>Streptococcus</i> – Group A, B, C, G			
		<i>Corynebacterium</i> spp.			
		<i>Streptococcus pneumoniae</i>	-	0,5	1
Teicoplanin	TPL	<i>Staphylococcus aureus</i>	2	-	4
		<i>Staphylococcus</i> (KNS)	4	-	8
		<i>Enterococcus</i> spp.	2	-	4
		<i>Streptococcus</i> spp.			

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			(S) Sensibel ≤	(I) Sensibel erhöhte Exposition	(R) Resistent ≥
Vancomycin	VAN	<i>Staphylococcus aureus</i>	2	-	4
		<i>Staphylococcus</i> (KNS)	4	-	8
		<i>Enterococcus</i> spp.			
		<i>Streptococcus</i> spp.	2	-	4
		<i>Corynebacterium</i> spp.			
		<i>Aerococcus sanguinicola/urinae</i>	1	-	2
Synercid	SYN	<i>Staphylococcus</i> spp.	1	2	4
		<i>Enterococcus faecium</i>	1	2 - 4	8
Fosfomycin	FOS	<i>Staphylococcus</i> spp.	32	-	64
Daptomycin	DPT	<i>Staphylococcus</i> spp.			
		<i>Streptococcus</i> – Group A, B, C, G	1	-	2
Linezolid	LIZ	PK-PD	2	-	4
		<i>Staphylococcus</i> spp.	4	-	8
		<i>Enterococcus</i> spp.			
		<i>Streptococcus pneumoniae</i>	2	-	4
		<i>Streptococcus</i> – Group A, B, C, G			
		<i>Corynebacterium</i> spp.	2	-	4
Moxifloxacin	MOX	PK-PD			
		<i>Staphylococcus</i> spp.	0,25	-	0,5
		<i>Streptococcus</i> – Group A, B, C, G			
		<i>Streptococcus pneumoniae</i>	0,5	-	1
		<i>Corynebacterium</i> spp.			
Tigecyclin	TGC	PK-PD			
		<i>Staphylococcus</i> spp.	0,5	-	1
		<i>Enterococcus faecium</i>			
		<i>Enterococcus faecalis</i>	0,25	-	0,5
		<i>Streptococcus</i> – Group A, B, C, G	0,125	-	0,25
Trimethoprim/ Sulfamethoxazol (Ratio 1:19)	T/S	<i>Staphylococcus</i> spp.	2	4	8
		<i>Streptococcus pneumoniae</i>			
		<i>Streptococcus</i> – Group A, B, C, G	1	2	4
Gentamicin	GEN	PK/PD	0,5	-	1
		<i>Staphylococcus</i> spp. (HWI)	1	-	2
		<i>Staphylococcus</i> spp. (ECOFF)	(1)	(-)	(2)
Gentamicin high level	GNH	<i>Enterococcus</i> spp.			
		<i>Streptococcus</i> – Viridans Group	128	-	256

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			(S) Sensibel ≤	(I) Sensibel erhöhte Exposition	(R) Resistent ≥
Erythromycin	ERY	<i>Staphylococcus</i> spp.	1	2	4
		<i>Streptococcus pneumoniae</i>	0,25	0,5	1
		<i>Streptococcus</i> – Group A, B, C, G			
		<i>Listeria monocytogenes</i>	1	-	2
Erythromycin/ Clindamycin ⁽¹⁾	ERC	<i>Staphylococcus</i> spp.	4/0,5	-	8/0,5
Clindamycin	CLI	<i>Staphylococcus</i> spp.	-	0,5	1
		<i>Streptococcus</i> spp.	0,5	-	1
		<i>Corynebacterium</i> spp.			
Fusidinsäure	FUS	<i>Staphylococcus</i> spp.	1	-	2
Mupirocin	MUP	<i>Staphylococcus aureus</i>	1	2 - 256	512

⁽¹⁾: Reference: Clinical and Laboratory Standards Institute. *Performance Standards for Antimicrobial Susceptibility Testing*. CLSI document M100, 30th edition, January 2020. <https://clsi.org>.

Ihr Ansprechpartner:



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