

Detection of resistance mechanisms using Neo-Sensitabs™ and Diatabs™

Detection of beta lactamases

Range of Neo-Sensitabs™ and Diatabs™ for detection of resistance mechanisms

Neo-Sensitabs™/Diatabs™ Range

Beta-lactamases	Code		Code
ESBL screening Cefpodoxime 10 µg Cefpodoxime+Clavulanate 10+1 µg	CPD10 CPD+C		
ESBL Cefotaxime 5 µg Ceftazidime 10 µg Cefotaxime+Clavulanate 5+1 µg Ceftazidime+Clavulanate 10+1 µg	CTX.5 CAZ10 CT5+C CZ10C	ESBL Confirm ID kit Cefotaxime 30 µg Cefotaxime+Clavulanate Ceftazidime 30 µg Ceftazidime+Clavulanate Cefepime 30 µg Cefepime+Clavulanate	CTX30 CTX+C CAZ30 CAZ+C FEP30 FEP+C
AmpC Cefotaxime 30 µg Cefotaxime+Boronic acid Cefotaxime+Cloxacillin Ceftazidime 30 µg Ceftazidime+Boronic acid Ceftazidime+Cloxacillin Boronic acid Diatabs Cloxacillin Diatabs	CTX30 CTXBO CTXCX CAZ30 CAZBO CAZCX BORON CLOXA	AmpC Confirm ID kit Cefotaxime 30 µg Cefotaxime+Cloxacillin Ceftazidime 30 µg Ceftazidime+Cloxacillin	CTX30 CTXCX CAZ30 CAZCX
		ESBL+AmpC Screen kit Cefotaxime 30 µg Cefotaxime+Clavulanate Cefotaxime+Cloxacillin Cefotaxime+Clavulanate+Cloxacillin	CTX30 CTX+C CTXCX CTXCC
Carbapenemases Meropenem 10 µg Meropenem + Boronic Meropenem + Cloxacillin Meropenem+ Dipicolinic Dipicolinic acid Diatabs Cloxacillin Diatabs Boronic and Diatabs	MRP10 MRPBO MRPCX MRPDP D.P.A CLOXA BORON	KPC+MBL Confirm ID kit Meropenem 10 µg Meropenem+Boronic Meropenem+Cloxacillin Meropenem+Dipicolinic	MRP10 MRPBO MRPCX MRPDP
Metallo-β-lactamases (MBL) Meropenem 10 µg Meropenem+Dipicolinic Imipenem 10 µg Imipenem+EDTA	MRP10 MRPDP IMI10 IM10E		

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Others	Code
<u>Screening 16S rRNA methylases</u> Amikacin 30 µg	AMI30 or AMIKA
<u>Screening of plasmid-mediated quinolone resistance</u> Nalidixic acid 30 µg Ciprofloxacin 1 µg Norfloxacin 10 µg Ceftazidime 30 µg Tobramycin 10 µg	NAL30 CIPR1 NORFX CAZ30 TOB10

	Code
<u>Detection of hypermutable strains</u> Fosfomycin Rifampicin 30 µg Ceftazidime 30 µg Ciprofloxacin 1 µg Imipenem 10 µg Meropenem 10 µg Tobramycin 10 µg	FO200 or FOSFO RIFAM CAZ30 CIPR1 IMI10 MRP10 TOB10
<u>Efflux pumps inhibitors</u> NMP Diatabs	NMP

Prediffusion method	Code
<u>hVISA/VISA</u> Vancomycin 30 µg Teicoplanin 30 µg	VAN30 TPN30
<u>Vancomycin resistant enterococci</u> Vancomycin 30 µg Teicoplanin 30 µg	VAN30 TPN30
<u>Daptomycin non-susceptible staphylococci/enterococci</u> Daptomycin (+Ca) 30 µg	DAPCa
<u>Colistin resistance in P.aeruginosa, A. baumannii, Enterobacteriaceae</u> Colistin 10 µg	CO.10