

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

Detection of beta lactamases

ESBL Quality Control

Klebsiella pneumoniae ATCC 700603

Original

NEO-SENSITABS	POTENCY	CODE	Zone diameter in mm	MIC µg/ml (15)
Aztreonam	30 µg	AZTRM	11-19	64
Cefepime	30 µg	CFEPM	21-26	1
Cefepime+Clavulanate	30+10 µg	CP+CL	≥5 mm larger	≤ 0.12
Cefotaxime	30 µg	CFTAX	20-26	8
Ceftazidime	30 µg	CEZDI	11-19	32
Ceftazidime-Clavulanate	30+10 µg	CZ+CL	≥5 mm larger	1
Ceftriaxone	30 µg	CETRX	16-24	16

CLSI/EUCAST potency Neo-Sensitabs™

CLSI/EUCAST potency NEO-SENSITABS™	POTENCY	CODE	Zone diameter in mm	MIC µg/ml (15)
Cefotaxime	30 µg	CTX30	17-25	8
Cefotaxime-Clavulanate	30+10 µg	CTX+C	≥5 mm larger	-
Ceftazidime	30 µg	CAZ30	10-18	32
Ceftazidime- Clavulanate	30+10 µg	CAZ+C	≥5 mm larger	1
Cefepime	30 µg	FEP30	19-25	1
Cefepime- Clavulanate	30+10 µg	FEP+C	≥5 mm larger	≤0.12
Cefpodoxime	10 µg	CPD10	9-16	-
Cefpodoxime-Clavulanate	10+1 µg	CPD+C	≥5 mm larger	-