



BSAC

british society for antimicrobial chemotherapy

Review of the zone diameter breakpoints for piperacillin/tazobactam for interpreting the susceptibility of Enterobacteriaceae by BSAC standardized methodology

Data from a recent study in hospital in the UK and Ireland where susceptibility to piperacillin/tazobactam was determined by the BSAC standardized disc testing method has been reviewed by the BSAC Working Party on Sensitivity Testing. In this study five percent of the isolates and any resistant organisms were sent to a central laboratory for testing. Scattergram plots of MIC versus the zone of inhibition (mm) were constructed and the BSAC zone diameter of ≥ 24 mm used to interpret susceptibility.

Amended recommendations for testing Enterobacteriaceae to piperacillin/tazobactam

are as follows:

Interpretation of zone diameters (mm)

Antibiotic	Disc content(μ g)	R	S
Piperacillin/tazobactam	75/10	≤ 21	≥ 22