Inhibitor Resistant TEM Beta-lactamases (IRT)

Strains with this phenotype give patterns of antibiotic resistance similar to TEM 1 or 2 or SHV 1 beta-lactamases, but they are resistant to amoxicillin + clavulanate. IRT are found mainly in *E. coli* and *Klebsiella pneumoniae*.
Are R (resistant) to amoxicillin + clavulanate. Zone diameter for Amoxicillin+Clavulanate Neo-Sensitabs < 17 mm. Are S (generally susceptible) to cephalosporins: cefazolin, cefoxitin, cefotaxime.

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