

## Prevalence of ESBL Genes Among *Pseudomonas aeruginosa* and *Acinetobacter baumannii* Isolated from Female UTI Patients in Dharwad, Karnataka, India



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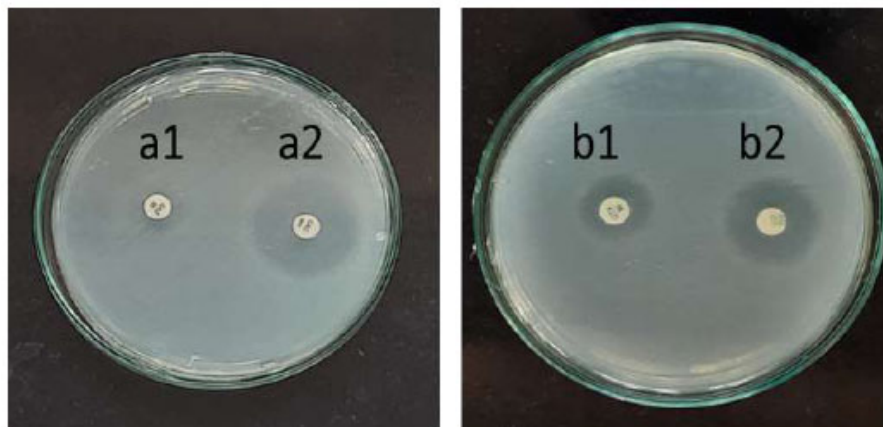


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**Figure 1. Phenotypic identification of ESBL production by combined disc diffusion test**

1 *P. aeruginosa*, zone of inhibition observed for ceftazidime/ceftazidime + clavulanic acid and cefotaxime/cefotaxime + clavulanic acid

a1. ceftazidime, a2. ceftazidime + clavulanic acid  
b1. cefotaxime, b2. cefotaxime + clavulanic acid



2 *A. Baumanii*, zone of inhibition observed for ceftazidime/ceftazidime + clavulanic acid and cefotaxime/cefotaxime + clavulanic acid

a1. cefotaxime , b2. cefotaxime + clavulanic acid  
b1. ceftazidime, a2. ceftazidime + clavulanic acid

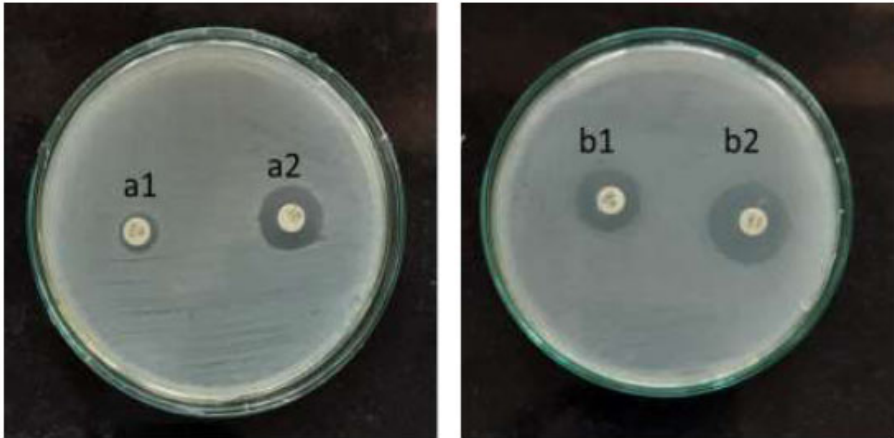
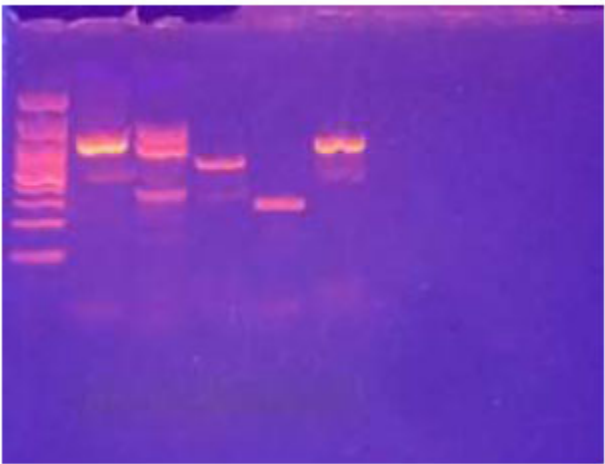


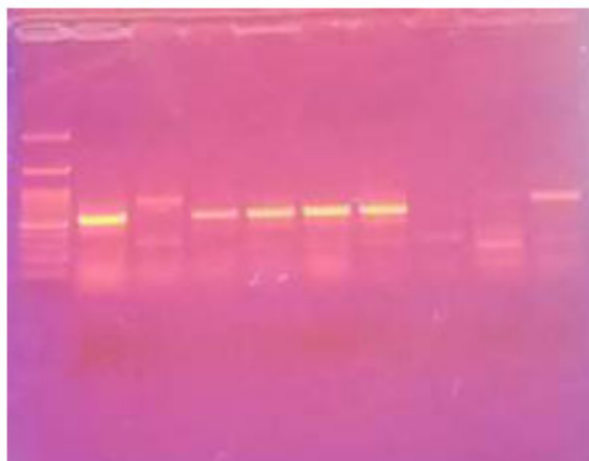
Table 1. Ct values of PCR amplification

Genes	<i>P. aeruginosa</i>	<i>A. baumanii</i>
TEM	19.65	18.4
SHV	18.7	19.4
GES	22	22.5
KPC	20	21.5
OXA - 23	13.6	15.3
OXA - 48	18.75	22.5

1. Gel Image - 1



## 2. Gel Image- 2



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