

Isolate: INF014

Species: *Klebsiella pneumoniae*

Drug	Resistance Determinants	Prediction
Amikacin	-	S
Ampicillin (expected R)	<i>bla</i> SHV-11 (core), <i>bla</i> TEM-1D	R
Ceftriaxone	-	S
Ciprofloxacin	-	S
Fosfomycin	-	S
Gentamicin	-	S
Meropenem	-	S
Trimethoprim	<i>dfrA14</i>	R
Trimethoprim-Sulfamethoxazole	<i>dfrA14</i> + <i>sul2</i>	R

Additional resistance determinants (acquired resistance)

- *aph(3')-Ia* (kanamycin)

Core genes (wildtype resistant)

- Expect ampicillin resistance due to core gene *bla*SHV.

Core genes (wildtype susceptible)

- *fosA*, Wildtype core gene, present not expected to confer fosfomycin resistance unless mobilised under strong promoter.
- *oqxAB*, Wildtype core gene, present but not expected to confer multiple drug resistance unless mobilised under strong promoter.