

Table 1: Classification of common carbapenemases in Enterobacteriaceae.

Carbapenemase	KPC	MBLs (NDM, VIM, IMP)	OXA-48
Ambler class	A	B	D
Substrates of hydrolysis	whole β -lactams	whole β -lactams except for aztreonam	Penicillins and carbapenems
classic β -lactamase inhibitors	Minimally	No	No
Avibactam inhibition	Yes	No	Yes
Common species in Enterobacteriaceae	K.pneumoniae, E.coli, Enterobacter spp.	NDM: K. pneumoniae, E. coli VIM: K. pneumoniae IMP: K. pneumonia	K. pneumonia