

EURGen_C26-11 is an NDM-5/OXA-232-producing *Klebsiella pneumoniae* strain from Denmark

Sequence type:
ST147

Virulence score¹:

1

¹Kleborate v3.2.4

Resistance genes and genes mutations/insertions²:

Antimicrobial agent	Resistance gene/mutations	Reported gene with mutation or insertion and reported change
Carbapenems	<i>bla</i> _{NDM-5} , <i>bla</i> _{OXA-232}	Not detected
Third generation cephalosporins	<i>bla</i> _{CTX-M-15} , <i>bla</i> _{SHV-11/67-variant}	Not detected
Other beta-lactams	<i>bla</i> _{OXA-1} , <i>bla</i> _{TEM-1}	<i>ompK35</i> mutation_I69SfsTer1, <i>ompK36</i> mutation_D135DGD
Colistin	Not detected	Not detected
Fluoroquinolones	<i>oqx</i> A, <i>oqx</i> B, <i>qnr</i> B1	<i>gyrA</i> _D87A, <i>gyrA</i> _S83Y, <i>parC</i> _S80I
Aminoglycosides	<i>aac</i> (6')-Ib-cr5, <i>aad</i> A1, <i>aad</i> A2, <i>aph</i> (3'')-Ib, <i>aph</i> (6)-Id, <i>arm</i> A	Not detected
Tetracyclines	Not detected	Not detected
Trimethoprim	<i>dfr</i> A12	Not detected
Sulphonamide	<i>sul</i> 1, <i>sul</i> 2	Not detected
Fosfomycin	<i>fos</i> A	Not detected

²Detected using AMRFinder 4.2.7 and ResFinder 4.7.2 (database 2.6.0)

Phenotype:

Antimicrobial agent	Reference MIC (mg/ml)	Reference inhibition zone (mm) ³	Interpretation ⁴
Piperacillin-tazobactam	>64	6	R
Cefiderocol	ND	21-23	ND ⁵
Cefotaxime	>8	6	R
Ceftazidime	>16	6	R
Ceftazidime-avibactam	>32	6	R
Ceftolozane-tazobactam	>16	6	R
Ertapenem	>4	6	R
Imipenem	>16	6-7	R
Imipenem-relebactam	>16	6-12	R
Meropenem	>16	6	R
Meropenem-vaborbactam	>16	6	R
Aztreonam	>16	6	R
Aztreonam-avibactam	0.5	25-26	S
Ciprofloxacin	>4	6	R
Levofloxacin	>4	6	R
Amikacin	>64	6	R
Gentamicin	>16	6	R
Tobramycin	>16	6	R
Colistin	0.5	-	S
Trimethoprim-sulfamethoxazole	>16	6	R

ND: not determined

³Using EUCAST disk diffusion methodology (https://www.eucast.org/ast_of_bacteria/disk_diffusion_methodology)

⁴SIR-categorization according to The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 16.1, 2026. <https://www.eucast.org>.

⁵ Inhibition zones are close to the breakpoint and in the ATU, making categorical reporting uncertain.