

EURGen_C26-24 is an **NDM-1-producing *Enterobacter hormachei*** strain from Denmark

Sequence type:
ST231

Resistance genes¹:

Antimicrobial agent	Resistance genes
Carbapenems	<i>bla</i> _{NDM-1}
Third generation cephalosporins	<i>bla</i> _{CTX-M-15}
Other beta-lactams	<i>bla</i> _{OXA-9}
Colistin	Not detected
Fluoroquinolones	<i>qnrB</i> , <i>qnrS1</i>
Aminoglycosides	<i>aac(6')-Ib</i> , <i>aadA1</i> , <i>aph(3'')-Ib</i> , <i>aph(3')-VI</i> , <i>aph(6)-Id</i>
Tetracyclines	Not detected
Trimethoprim	<i>dfrA14</i>
Sulphonamide	<i>sul2</i>
Fosfomycin	<i>fosA</i>

¹Detected 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) ²	Interpretation ³
Piperacillin-tazobactam	>64	6	R
Cefiderocol	ND	15-20	R
Cefotaxime	>8	6	R
Ceftazidime	>16	6	R
Ceftazidime-avibactam	>32	6	R
Ceftolozane-tazobactam	>16	6	R
Ertapenem	>4	6-9	R
Imipenem	>8	9-14	R
Imipenem-relebactam	>16	9-15	R
Meropenem	>16	6-12	R
Meropenem-vaborbactam	>16	6-12	R
Aztreonam	>16	6	R
Aztreonam-avibactam	0.125	26-29	S
Ciprofloxacin	>4	6	R
Levofloxacin	>4	6	R
Amikacin	16	13-14	R
Gentamicin	0.5-1	18-21	S
Tobramycin	16	9-10	R
Colistin	0.25-0.5	-	S
Trimethoprim-sulfamethoxazole	>16	6	R

ND: not determined

²Using EUCAST disk diffusion methodology (https://www.eucast.org/ast_of_bacteria/disk_diffusion_methodology)

³SIR-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>.