

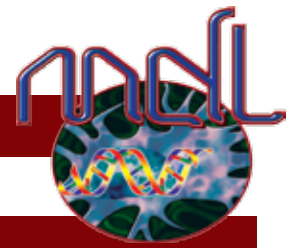
INTERPRETATION GUIDELINES

***Neisseria gonorrhoeae* antibiotic resistance panel.
Literature references.**

Gene	Mutation / Marker	Resistance	Literature References
penA	Asp345A, G545S	Mutations in penA gene can confer resistance to penicillin and cephalosporin in <i>Neisseria gonorrhoeae</i> .	(2), (3), (20)
gyrA	S91P, D95A, D95G, D95N S91Y, S91F, D95Y	Mutations in gyrA gene can confer resistance to ciprofloxacin in <i>Neisseria gonorrhoeae</i> .	(4), (5), (6), (21), (23)
parC	D86N, S87R, S87N, S88P, E91K, E91G	Mutations in parC gene can confer resistance to ciprofloxacin in <i>Neisseria gonorrhoeae</i> .	(4), (6), (21), (22), (23)
ponA	L421P	Mutations in ponA gene can confer resistance to penicillin in <i>Neisseria gonorrhoeae</i> .	(17), (18)
penB (porB)	G120D, G120K, A121D, A121S, A121G	Mutations in penB (porB) gene can confer resistance to penicillin and tetracycline in <i>Neisseria gonorrhoeae</i> .	(10), (13), (14)
mtrR	G45D, G45S, -35delA, -10insTT	Mutations in mtrR gene can confer resistance to penicillin, ciprofloxacin, tetracycline, and azithromycin in <i>Neisseria gonorrhoeae</i> .	(7), (9), (10), (19), (25), (26)
tetM	tetM	Presence of tetM gene can confer resistance to tetracycline in <i>Neisseria gonorrhoeae</i> .	(12), (16), (19), (24)
rpsJ	V57M	Mutations in rpsJ gene can confer resistance to tetracycline resistance in <i>Neisseria gonorrhoeae</i> .	(10), (19)
bla	bla	Presence of bla gene can confer resistance to penicillin in <i>Neisseria gonorrhoeae</i> .	(1), (8), (15)
16s rRNA	G1064C, C1192U	Mutations in 16s rRNA gene can confer resistance to spectinomycin in <i>Neisseria gonorrhoeae</i> .	(11)

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This test was developed and its performance characteristics determined by this laboratory. It has not been cleared or approved by the Food and Drug Administration (FDA). The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. The laboratory is regulated by the Clinical Laboratory Improvement Act of 1988.



INTERPRETATION GUIDELINES

***Neisseria gonorrhoeae* antibiotic resistance panel.
Literature references.**

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