



Native N. gonorrhoeae (DAG203)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Inactivated NeisseriaGonorrhoeaeantigenby heat treatment at 54°C for 2 hours.
Species	N. gonorrhoeae
Conjugate	Unconjugated
Applications	ELISA
Format	Inactivated Pathogen
Size	1 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Neisseria gonorrhoeaeinfections are acquired by sexual contact and usually affect the mucousmembranes of the urethra in males and the endocervix and urethra in females,although the infection may disseminate to a variety of tissues. Thepathogenic mechanism involves the attachment of the bacterium to nonciliatedepithelial cells via pili (fimbriae) and the production of lipopolysaccharideendotoxin. Similarly, the lipopolysaccharide of Neisseria meningitidis ishighly toxic, as it has an additional virulence factor in the form of itsantiphagocytic capsule. Both pathogens produce IgA proteases which promotevirulence. Many normal individuals may harbor Neisseria meningitidis in theupper respiratory tract, but Neisseria gonorrhoeae is never part of the normalflora and is only found after sexual contact with an infected person (ordirect contact, in the case of infections in the newborn).
Keywords	Neisseria Gonorrhoeae; Neisseria gonorrhoeae; N.gonorrhoeae; gonococci