



Native *N. gonorrhoeae* (DAG203)

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

PRODUCT INFORMATION

Product Overview	Inactivated <i>Neisseria Gonorrhoeae</i> antigen by heat treatment at 54°C for 2 hours.
Species	<i>N. gonorrhoeae</i>
Conjugate	Unconjugated
Applications	ELISA
Format	Inactivated Pathogen
Size	1 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p><i>Neisseria gonorrhoeae</i> infections are acquired by sexual contact and usually affect the mucous membranes of the urethra in males and the endocervix and urethra in females, although the infection may disseminate to a variety of tissues. The pathogenic mechanism involves the attachment of the bacterium to nonciliated epithelial cells via pili (fimbriae) and the production of lipopolysaccharide endotoxin. Similarly, the lipopolysaccharide of <i>Neisseria meningitidis</i> is highly toxic, as it has an additional virulence factor in the form of its antiphagocytic capsule. Both pathogens produce IgA proteases which promote virulence. Many normal individuals may harbor <i>Neisseria meningitidis</i> in the upper respiratory tract, but <i>Neisseria gonorrhoeae</i> is never part of the normal flora and is only found after sexual contact with an infected person (or direct contact, in the case of infections in the newborn).</p>
Keywords	<i>Neisseria Gonorrhoeae</i> ; <i>Neisseria gonorrhoeae</i> ; <i>N. gonorrhoeae</i> ; gonococci