

Product datasheet for **BP1050HRP**

Neisseria gonorrhoeae (all antigens) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Suitable for use in immunocytochemistry and ELISA.
Reactivity:	Neisseria gonorrhoeae
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Whole N. gonorrhoeae; ATCC 31426
Specificity:	All antigens. This antiserum has not been absorbed and may react with related microorganisms.
Formulation:	PBS containing 10 mg/ml BSA as stabilizer and 0.002 % Thimerosal as preservative. Label: HRP State: Liquid purified Ig fraction. Label: Highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent Molar ratio: HRP:IgG substitution is 2-3.
Concentration:	lot specific
Conjugation:	HRP
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Neisseria gonorrhoeae 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 Neisseria meningitidis 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 Neisseria meningitidis in the upper respiratory tract, but Neisseria gonorrhoeae 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).