

Product datasheet for **BP1008HRP**

Chlamydia trachomatis Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Suitable for use in ELISA and immunocytochemistry.
Reactivity:	Chlamydia trachomatis
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	L2 + other serovar groups
Specificity:	Purified elementary bodies, disrupted (all serovars A-K, L1-L3). Cross-reacts with Chlamydia psittacii & Chlamydia pneumoniae (TWAR). Negative against Hep-2 cells and egg yolk sac.
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 removed Molar radio: Estimated molar 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.
Background:	Chlamydia trachomatis is an intracellular organism. Chlamydia usually infects the cervix and fallopian tubes of women and the urethra of men. Chlamydial infections are believed to be one of the most common of all STDs. It is generally thought that in a population of 15 million, there are up to 300,000 cases of chlamydia each year. Thus, there are many undiagnosed cases of chlamydia in the community. It has been estimated that the true prevalence of chlamydia in the sexually active population may be in the order of 5% to 10%. Chlamydia is one of the leading causes of blindness in underdeveloped countries.



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