

Product datasheet for **BP1007**

Chlamydia trachomatis Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	Suitable for use in ELISA, fluorescence microscopy, immunoblotting, immunohistochemistry and conjugation purposes. In addition, this product may be used in place of neat antiserum in almost any appropriate antibody-based technique.
Reactivity:	Chlamydia trachomatis
Host:	Goat
Clonality:	Polyclonal
Immunogen:	L2 and other serovar groups.
Specificity:	Purified elementary bodies, disrupted. Cross-reacts with Chlamydia psittacii and Chlamydia pneumoniae (TWAR). Negative against HEp-2 cells and egg yolk sac.
Formulation:	0.01M PBS, pH 7.2 with 0.09% sodium azide as preservative. No Stabilizing proteins have been added. State: Ig Fraction State: Liquid purified Ig fraction (>95% pure).
Concentration:	lot specific
Purification:	Sodium Sulfate by DEAE.
Conjugation:	Unconjugated
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:

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.