

Product datasheet for **BP1007F**

Chlamydia trachomatis Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	Suitable for use in direct IFA. Acetone fixation of the antigen source is recommended prior to staining.
Reactivity:	Chlamydia trachomatis
Host:	Goat
Clonality:	Polyclonal
Immunogen:	L2 and other serovar groups.
Specificity:	Purified elementary bodies, disrupted. Cross-reacts with Chlamydia psittacii & Chlamydia pneumoniae (TWAR). Negative against HEp-2 cells and egg yolk sac. All antigens of strain L2.
Formulation:	0.01 M PBS, pH 7.2, with 10 mg/ml BSA and 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Covalently coupled with high purity Isomer I of fluorescein Isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. 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.