

BP1008F**Polyclonal Antibody to Chlamydia trachomatis - FITC**

Quantity:	1 ml
Concentration:	4-5 mg/ml (OD280 nm, E0.1% = 1.4)
Background:	<p>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.</p>
Host:	Rabbit
Immunogen:	L2 + other serovar groups
Format:	<p>State: Liquid purified Ig fraction. Buffer System: 0.01 M PBS, pH 7.2 containing 10 mg/ml BSA as stabilizer and 0.09% sodium azide as preservative. Label: FITC – Highly purified Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product</p>
Applications:	<p>Suitable for use in direct IFA. Acetone fixation of the antigen source is recommended prior to staining. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>Purified elementary bodies, disrupted. Cross-reacts with Chlamydia psittacii and Chlamydia pneumoniae (TWAR). Negative vs. HEp-2 cells and egg yolk sac.</p>
Storage:	<p>Store the antibody undiluted 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. Shelf life: one year from despatch.</p>