

BP1007**Polyclonal Antibody to Chlamydia trachomatis - Ig Fraction**

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:	Goat
Immunogen:	L2 and other serovar groups.
Format:	<p>State: Liquid purified Ig fraction (>95% pure). Purification: Sodium Sulfate by DEAE. Buffer System: 0.01M PBS, pH 7.2 with 0.09% sodium azide as preservative. No Stabilizing proteins have been added.</p>
Applications:	<p>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. 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 against 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. Avoid repeated freezing and thawing. Shelf life: one year from despatch.</p>