

BP2021F**Polyclonal Antibody to Legionella pneumophila - FITC**

Quantity:	1 ml
Concentration:	4-5 mg/ml (OD280 nm, E0.1%=1.4)
Background:	Legionella pneumophila is a flagellated gram negative bacterium found primarily in warm water environments. Legionella pneumophila causes a type of pneumonia called Legionnaire disease and a milder condition called Pontiac fever. Infection is acquired through inhalation of the microorganism in water mists (e.g. from air conditioning, cooling towers, whirlpool spas and showers mists). A number of risk factors for acquiring Legionnaire disease have been identified, including age, smoking, chronic lung disease, cancer, and immunosuppression.
Host:	Rabbit
Immunogen:	A whole cell preparation of Legionella pneumophila; ATCC #33152
Format:	State: Liquid purified Ig fraction (>95% pure). Purification: Protein A chromatography. Buffer System: 0.01 M PBS pH 7.2 with 10 mg/ml BSA and 0.09% sodium azide as preservative. Label: FITC – High purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Applications:	Fluorescence microscopy (Titer: >1:800 by indirect IFA vs. acetone-fixed organisms). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with L. pneumophila serogroups 1-12. Recognizes all antigens of intact microorganism. Antiserum is not absorbed and may cross react with related microorganisms.
Storage:	Store the antibody at 2-8°C under subdued light for one month or (in aliquots) at -20°C for longer. This product is phototensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.