

BP2021HRP**Polyclonal Antibody to Legionella pneumophila - HRP**

Quantity:	1 ml
Concentration:	1-2 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. Buffer System: PBS containing 10 mg/ml BSA as stabilizer and 0.002 % Thimerosal as preservative. Label: HRP – Purified IgG fraction covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent
Applications:	Suitable for use in immunocytochemistry (acetone-fixed organisms) and ELISA. 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 in IFA. Recognizes all antigens of intact microorganism. Antiserum is not absorbed and may cross-react with related microorganisms.
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. Shelf life: one year from despatch.
Caution:	Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.