

## Product datasheet for **BP2021**

### Legionella pneumophila Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	<b>Fluorescence Microscopy</b> (Acetone-Fixed organisms). <b>Western blot.</b> <b>ELISA.</b>
Reactivity:	Legionella pneumophila
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A whole cell preparation of Legionella pneumophila ATCC #33152
Specificity:	Reacts with <i>Legionella Pneumophila</i> serogroups 1-12 in IFA. Recognizes all antigens of intact microorganism. Antiserum is not absorbed and may cross react with related microorganisms.
Formulation:	0.01M PBS, pH 7.2 State: Ig Fraction State: Liquid purified Ig fraction (> 95% pure) Stabilizer: None Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**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.