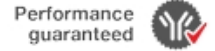


# Legionella pneumophila LPS Monoclonal Antibody (G90A)

Catalog Number MA5-18213



Product Data Sheet

Details		Species Reactivity	
Size	100 µg	Tested species reactivity	Bacteria
Host / Isotype	Mouse IgG3	Tested Applications	Dilution *
Class	Monoclonal	ELISA (ELISA)	1:20-1:200
Type	Antibody	Immunofluorescence (IF)	1:10-1:50
Clone	G90A	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Legionella pneumophila native protein		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	100µg/ml		
Purification	Protein A		
Storage Buffer	PBS, pH 7.2		
Contains	0.1% sodium azide		
Storage Conditions	4° C		

## Product Specific Information

This antibody is reactive with LPS of all L. pneumophila strains tested (11).

Purity is >90%.

Recommended pairs for ELISA: MA5-18213 (capture) and MA5-18214 (conjugated, detection).

## Background/Target Information

The causative agent of what is commonly called Legionnaire's Disease, Legionella pneumophila causes acute pneumonia. The disease can also present itself as a nonpneumonic, influenza-like illness called Pontiac Fever. Legionella is found in aquatic environments where it's growth is supported by amoebae. In human infections Legionella acts as an intracellular parasite and multiplies in alveolar macrophages. The genus Legionella contains 39 recognized species. The immunological diversity of Legionella is due to the existence of a variety of serogroups. Legionella pneumophila has the most with a total of 14 serogroups.

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