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Datasheet for ABIN996998

Mycoplasma Pneumoniae IgM ELISA Kit

Overview

Quantity:	96 tests
Target:	Mycoplasma Pneumoniae IgM
Reactivity:	Mycoplasma pneumoniae
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Mycoplasma IgM Test System provides a means for the qualitative detection of IgM antibodies to Mycoplasma pneumoniae in human sera. When performed according to these instructions, the results of this test may aid in the diagnosis of M. pneumoniae infections in the adult population
Sample Type:	Serum
Analytical Method:	Qualitative
Detection Method:	Colorimetric
Specificity:	93%
Sensitivity:	100%

Target Details

Target:	Mycoplasma Pneumoniae IgM
Abstract:	Mycoplasma Pneumoniae IgM Products
Target Type:	Antibody

Target Details

Background: Mycoplasma pneumoniae is among the smallest of free-living organisms. In humans, it is usually found in the throat and lungs and is susceptible to antimicrobial agents that inhibit protein synthesis. The spread of Mycoplasma infections depends on close and prolonged contact between people, as it is transmitted by means of droplet nuclei from the respiratory tract. Mycoplasma infection may be asymptomatic or may produce upper respiratory tract disease or atypical pneumonia. The pneumonia is difficult to differentiate from viral diseases by clinical means alone. Laboratory tests such as isolation, Complement Fixation serology, and ELISA serology are helpful as an aid in the diagnosis.

Application Details

Sample Volume:	10 µL
Assay Time:	1 h
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Expiry Date:	12-14 months