Mycoplasma pneumoniae

INNOVATION

ELISA-VIDITEST anti-*Mycoplasma pneumoniae* kits are intended for the diagnosis of *Mycoplasma pneumoniae* related diseases. The use of these tests is to support the diagnosis of acute or chronic respiratory diseases including complications such as pericarditis, meningoencefalitis, otitis, erythema nodosum. It is recommended to estimate the changes of antibody titres through analysis of paired sera collected 1 – 2 weeks apart.

The first sample is taken during the acute phase of disease and the second sample is confirmatory and should be taken not earlier than 10 – 15 days after the first one. The antibody titer should rise during this period. There are differences in antibody kinetic profiles with regard to the immunoglobulin classes and therefore we strongly recommend using parallel detection in all three available Ig classes (IgG/IgM/IgA).

ELISA-VIDITEST

CE IVD

REF	Product	Method	Evaluation	Wells	Sample	Sensitivity/Specificity
ODZ-010	anti-Mycoplasma pn. IgG	ELISA	semiquant.	96	serum	91.8% / 85.7%
ODZ-011	anti-Mycoplasma pn. IgM	ELISA	semiquant.	96	serum	98% / 100%
ODZ-012	anti-Mycoplasma pn. IgA	ELISA	semiquant.	96	serum	96% / 83%

Result interpretation

	IgG	IgM	IgA
Seronegativity	-	-	-
Early phase of acute infection	-	+	+
Early acute infection without appearance IgM	-	-	+
Late acute phase of infection	+	+	+
Post-acute phase of infection	+	(+)	(+)
Anamnestic antibodies (infection in patient's history)	+	-	(+)
Reinfection	+	-	(+)

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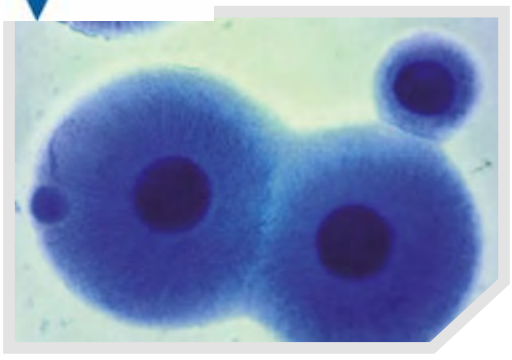

Why using ELISA-VIDITEST anti-Mycoplasma pn.:

- IgG, IgM and IgA determination
- Ready to use HRP conjugate and controls
- Same incubation times for IgG, IgM and IgA determination
- Compatible with VIDIMAT
- Incubation times 30'/30'/15'