

ARG83058 Human Legionella pneumophila IgM antibody ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83058 Human Legionella pneumophila IgM antibody ELISA Kit is an enzyme immunoassay kit for the qualitative Legionella pneumophila IgM antibody in human serum or plasma (citrate, heparin).
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Legionella pneumophila IgM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	diagn. 96 %
Detection Range	Cut - off
Sample Type	serum, plasma (citrate, heparin)
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 3% Inter-Assay CV: less than 8%
Alternate Names	Legionella pneumophila

Application Instructions

Assay Time	~2 hour
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	L. pneumophila is a Gram-negative, non-encapsulated, aerobic bacillus with a single, polar flagellum often characterized as being a coccobacillus. It is aerobic and unable to hydrolyse gelatin or produce urease. It is also non-fermentative. L. pneumophila is neither pigmented nor does it autofluoresce. It is oxidase- and catalase-positive, and produces beta-lactamase. L. pneumophila colony morphology is gray-white with a textured, cut-glass appearance; it also requires cysteine and iron to thrive. It grows on yeast extract agar in "opal-like" colonies.
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