

ARG83073 Leptospira IgM ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83073 Leptospira IgM ELISA Kit is an Enzyme Immunoassay kit for the qualitative of Leptospira IgM antibody in animals serum.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Leptospira IgM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Detection Range	Cut - off
Sample Type	Serum
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Leptospira IgM

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	Leptospira is a genus of spirochaete bacteria, including a small number of pathogenic and saprophytic species. Leptospira was first observed in 1907 in kidney tissue slices of a leptospirosis victim who was described as having died of "yellow fever". Leptospira, together with the genera Leptonema and Turneria, is a member of the family Leptospiraceae. The genus Leptospira is divided into 20 species based on DNA hybridization studies.
Function	Leptospirosis is a blood infection caused by the bacteria Leptospira that can infect humans, dogs, rodents and many other wild and domesticated animals. Signs and symptoms can range from none to mild (headaches, muscle pains, and fevers) to severe (bleeding in the lungs or meningitis). Weil's disease, the acute, severe form of leptospirosis, causes the infected individual to become jaundiced (skin and eyes become yellow), develop kidney failure, and bleed. Bleeding from the lungs associated with leptospirosis is known as severe pulmonary haemorrhage syndrome.

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