

ARG83060
Anaplasma / Rickettsiales ELISA KitPackage: 96 wells
Store at: 4°C

Summary

Product Description	ARG83060 Anaplasma / Rickettsiales ELISA Kit is an Enzyme Immunoassay kit for the qualitative determination of Anaplasma in animal serum.
Tested Reactivity	Dog
Tested Application	ELISA
Target Name	Anaplasma / Rickettsiales
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 3% Inter-Assay CV: less than 8%

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

Gene Full Name	Anaplasma
Background	Anaplasma is a genus of bacteria of the alphaproteobacterial order Rickettsiales, family Anaplasmataceae. Anaplasma species reside in host blood cells and lead to the disease anaplasmosis. The disease most commonly occurs in areas where competent tick vectors are indigenous, including tropical and semitropical areas of the world for intraerythrocytic Anaplasma spp. Anaplasma species are biologically transmitted by Ixodes deer-tick vectors, and the prototypical species, A. marginale, can be mechanically transmitted by biting flies and iatrogenically with blood-contaminated instruments. One of the major consequences of infection by bovine red blood cells by A. marginale is the development of nonhaemolytic anaemia, thus the absence of hemoglobinuria, which allows clinical differentiation from another major tick-borne disease, bovine babesiosis, caused by Babesia bigemina.