

## ARG83066 Coxiella burnetii / Q Fever antibody ELISA Kit

Package: 96 wells

Store at: 4°C

### Summary

Product Description	ARG83066 Coxiella burnetii / Q Fever Phase 2 antibody ELISA Kit is an Enzyme Immunoassay kit for the qualitative determination of Coxiella burnetii / Q Fever antibody in animals serum.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Coxiella burnetii / Q Fever
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Detection Range	Cut - off
Sample Type	serum
Standard Range	Cut - off
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 9% Inter-Assay CV: less than 7%
Alternate Names	Q fever, Coxiella burnetii, C. burnetii

### 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	Q fever or query fever is a disease caused by infection with Coxiella burnetii, a bacterium that affects humans and other animals. This organism is uncommon, but may be found in cattle, sheep, goats, and other domestic mammals, including cats and dogs. The infection results from inhalation of a spore-like small-cell variant, and from contact with the milk, urine, feces, vaginal mucus, or semen of infected animals. Rarely, the disease is tick-borne. The incubation period is 9–40 days. Humans are vulnerable to Q fever, and infection can result from even a few organisms. The bacterium is an obligate intracellular pathogenic parasite
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### Highlight