

DIA-CHECK CHLAMYDIA ABORTUS ELISA TEST



Ovine chlamydiosis, also known as enzootic abortion of ewes (EAE) or ovine enzootic abortion (OEA), is caused by the bacterium *Chlamydia abortus*. The disease affects goats and sheep, and less frequently cattle, pigs, horses, and wild ruminants. Abortion typically occurs in the final 2-3 weeks of gestation, with stillbirths and placental inflammation. Infections may also lead to full-term stillborn or weak lambs that die within 48 hours, though healthy births can still occur.

Chlamydia abortus infection poses a significant threat to the global livestock industry and also represents a serious risk to human health, as it can infect humans. Since chlamydia is a zoonosis, effective control and prevention of *C. abortus* infection in livestock is crucial due to its significant implications for both animal and human health.

Product highlights

NO GREY ZONE

Easy interpretation of results

EXTENSIVE VALIDATION

Verified on hundreds of samples

FASTER THAN ANY OTHER ON THE MARKET

Results in 70 minutes

Intended use



Demonstrate freedom from infection in individual animal prior to movement

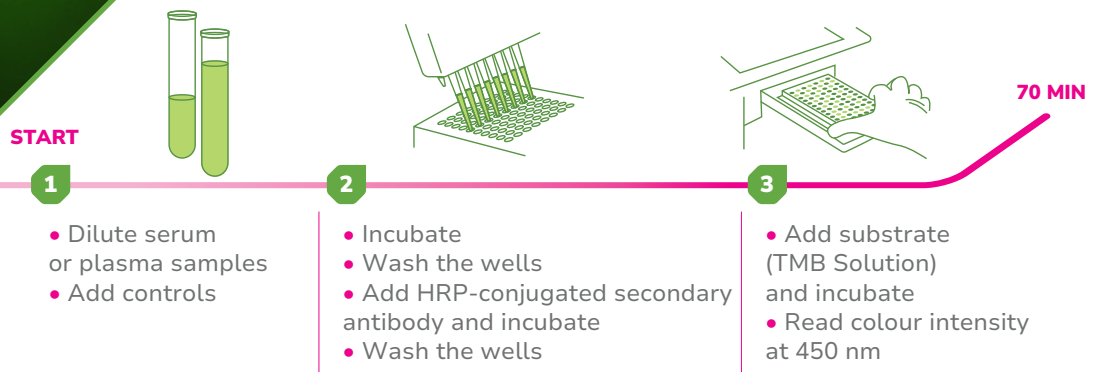


Rapid serological identification of infected animals



Demonstrate freedom from infection in a defined population

Workflow



Product features

HIGH SPECIFICITY

Ensures accurate identification of the target pathogen or antibodies, minimizing false positives

RELIABLE PERFORMANCE

Consistent and reproducible results across different batches and users

RAPID TURNAROUND TIME

Delivers results quickly, facilitating timely movement decisions

USER-FRIENDLY PROTOCOL

Simple and straightforward procedure, minimizing training requirements

MINIMAL HANDS-ON TIME

Reduces labor and increases efficiency in testing large numbers of animals

COMPATIBILITY WITH STANDARD LABORATORY EQUIPMENT

Integrates easily into existing laboratory workflows

INCLUDED POSITIVE AND NEGATIVE CONTROLS

Ensures the validity and accuracy of each test run

HIGH-QUALITY REAGENTS

Manufactured to stringent quality standards for optimal performance

BATCH-TO-BATCH CONSISTENCY

Guarantees reliable results over time

Technical specifications

TEST METHOD	Indirect ELISA
FORMAT	96 well plate (12x8 well strip)
STORAGE TEMPERATURE	+4°C
SPECIES SAMPLE	Sheep / Goat / Cattle / Pig
SAMPLE TYPE	Serum
ASSAY TURNAROUND TIME	70 minutes

Diagnostic sensitivity & specificity

DIAGNOSTIC SENSITIVITY	DIAGNOSTIC SPECIFICITY
76.32% (60.79% - 87.01%)	98.71% (97.47% - 99.34%)

ORDERING INFORMATION

DIA-CHECK CHLAMYDIA ABORTUS ELISA TEST

CODE	SIZE
AKE0025-1P	1 PLATE/96 TESTS
AKE0025-5P	5 PLATES/480 TESTS
AKE0025-50P	50 PLATES/4800 TESTS

For more information or to place an order, contact us at info@diatheva.com