



DIA-CHECK MVV/CAEV ELISA TEST

Caprine arthritis/encephalitis (CAE) and **maedi-visna (MV)** are chronic, persistent infections caused by lentiviruses that affect goats and sheep, respectively. The prevalence of CAEV is highest in industrialized countries, a trend correlated with the global movement of European dairy goat breeds. Indurative mastitis is commonly observed in both goats and sheep, and its economic impact is often underestimated.

Although most infected sheep and goats do not show clinical symptoms, they remain persistently infected and have the potential to transmit the virus to others. To control the virus's spread, it is essential to identify and eliminate viral carriers, as there is currently no available vaccine or treatment.

Since most infected sheep and goats develop a humoral immune response, the presence of antivirus antibodies, detected through serological methods, serves as an indicator of viral infection. The most practical and reliable approach for the diagnosis of MV or CAE is a combination of serology and clinical evaluation.

Product highlights

NO GREY ZONE

Easy interpretation of results

FASTER THAN ANY OTHER AVAILABLE KIT

Results in 70 minutes

EXTENSIVE VALIDATION

Verified on hundreds of samples, different laboratories, operators and instruments

Intended use



Rapid serological identification of infected animals

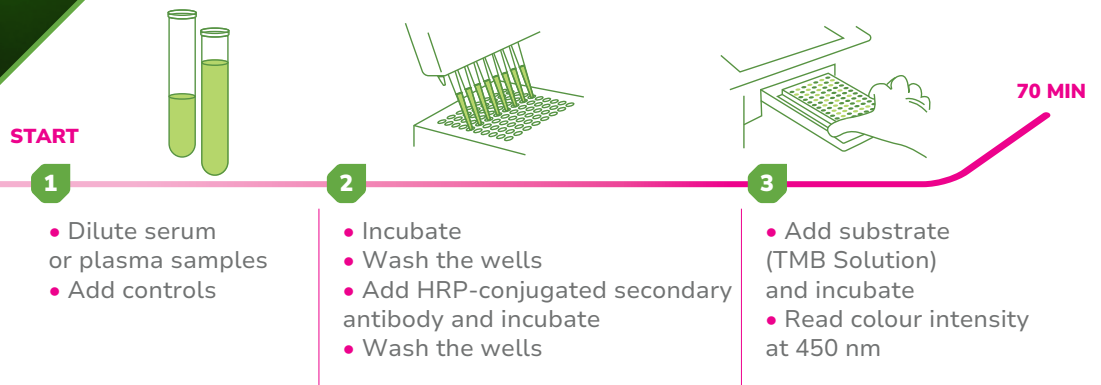


Demonstrate freedom from infection in a defined population



Demonstrate freedom from infection in individual animal prior to movement

Workflow



Product features

HIGH SPECIFICITY

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

HIGH SENSITIVITY

Detects even low levels of the analyte, crucial for early detection and identifying potential carriers

RELIABLE PERFORMANCE

Consistent and reproducible results across different batches and users

USER-FRIENDLY PROTOCOL

Simple and straightforward procedure, minimizing training requirements

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

Technical specifications

TEST METHOD	Indirect ELISA
FORMAT	96 well plate (12x8 well strip)
STORAGE TEMPERATURE	+2/8°C
SPECIES SAMPLE	Sheep / Goat
SAMPLE TYPE	Serum / Plasma
ASSAY TURNAROUND TIME	70 minutes

Diagnostic sensitivity & specificity

DIAGNOSTIC SENSITIVITY	DIAGNOSTIC SPECIFICITY
96.33% (90.94% to 98.56%)	99.21% (98.28% to 99.64%)

ORDERING INFORMATION

DIA-CHECK MVV/CAEV ELISA TEST

CODE	SIZE
AKE0023-1P	1 PLATE/96 TESTS
AKE0023-5P	5 PLATES/480 TESTS
AKE0023-50P	50 PLATES/4800 TESTS

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