



Chlamydia abortus Blood Test

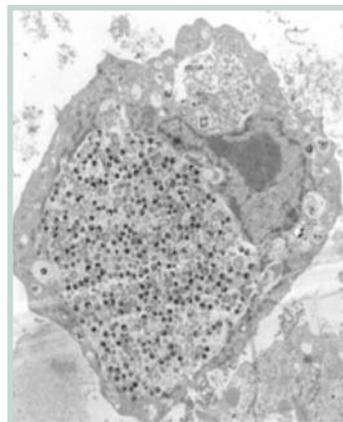
– for accurate diagnosis of ovine enzootic abortion

- **High detection sensitivity** – *C.abortus* positive cases are detected with 96.8% sensitivity. Very low levels of false negatives in comparison to other serological tests.
- **Accurate diagnosis** – the test specifically detects antibodies to *C.abortus*.

Scientists at the MoreDun Research Institute have successfully developed a new diagnostic test for the accurate diagnosis of *Chlamydia abortus* infection in sheep, the causative agent of Ovine Enzootic Abortion (OEA).

When to use the test?

The test is recommended for use on blood samples taken from sheep following abortion to facilitate accurate diagnosis of the cause of the abortion. The diagnostic information will facilitate flock management strategies to control future disease outbreaks.





Ovine Enzootic Abortion

Ovine Enzootic Abortion, also known as Enzootic Abortion of Ewes (EAE) or ovine chlamydiosis, is a major cause of lamb mortality across the world and accounts for a significant number of diagnosed infectious abortions in sheep. The disease results from infection of sheep with the bacterium *Chlamydia abortus* which invades the placenta during pregnancy and can lead to abortion or the birth of weak lambs.

Chlamydia abortus blood test

Sheep that have been infected with *C. abortus* produce antibodies to the bacterium. The *C. abortus* blood test developed at the MoreDun Research Institute detects the presence of antibodies to a specific *C. abortus* protein (POMP90-3) in blood samples from infected sheep using an indirect ELISA technique.

The test is highly sensitive and shows no cross reaction with sera from *Chlamydia pecorum* infected animals or from EAE-free flocks.



Note: As with any biological test, results should be interpreted in the context of all available clinical, historical, and epidemiological information relevant to the animal(s) under test.

Contact your veterinarian to discuss the application of the MVD-Enfer *Chlamydia abortus* specific ELISA test and to arrange for blood samples to be taken and sent to a veterinary diagnostic laboratory for analysis.

The MVD-Enfer *Chlamydia abortus* specific ELISA test is supplied to veterinary diagnostic laboratories by Enfer Scientific (www.enfergroup.com) and marketed by MV Diagnostics Ltd (www.mvdiagnostics.co.uk).

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