

# Identifying *Anaplasma marginale*



Practitioners looking to identify persistently infected cattle have diagnostic options with TVMDL. Whether screening a herd or identifying the cause of one sick cow's symptoms, TVMDL offers a test to fit your needs.

## ***Anaplasma marginale*, cELISA**

The competitive enzyme-linked immunosorbent assay looks for antibodies among individual animals in a herd. This test provides quick, inexpensive results; however, it may not detect the antibody in the very acute stage.

SPECIMEN: 1 cc serum

PRICE: \$12.00

TURNAROUND: The Amarillo lab performs the test Tuesday, Wednesday and Friday, with results in a minimum of one day if the sample is in the lab by 9 a.m. The College Station lab performs the test Monday and Thursday, with results in a minimum of one day if the sample is in the lab by 9 a.m.

## ***Anaplasma marginale* Agglutination (AGGL) card test**

SPECIMEN: 1 cc serum

PRICE: \$5.00

TURNAROUND: Performed in Amarillo Monday-Friday, with results in a 1 business day.

## ***Anaplasma marginale*, qPCR**

This quantitative real-time polymerase chain reaction test looks for the presence of the organism.

SPECIMEN: 1-2cc EDTA blood or affected tissues

PRICE: \$28.00

TURNAROUND: The Amarillo lab performs the test Monday-Friday, with results in 3-4 business days. The College Station lab performs the test Tuesday-Friday, with results in 3-4 business days.

## **Hemoparasite exam (Wright-Giemsa stain)**

A blood smear sent in to identify another issue, such as anemia, can also reveal the presence of *Anaplasma marginale*.

SPECIMEN: 2 thin, air-dried blood smears, unfixed and unstained.

Price: \$10.00

Turnaround: Both the Amarillo and College Station labs perform exams Monday-Friday, with results the same day.

For more information on diagnostic testing, contact one of the full-service laboratories, or visit [tvmdl.tamu.edu](http://tvmdl.tamu.edu) to search our test database.

Amarillo: 1.888.646.5624

[tvmdl.tamu.edu](http://tvmdl.tamu.edu)

College Station: 1.888.646.5623