

Fast & Simple

Focused on Veterinary Diagnostics



Specialists in Veterinary
Laboratory Supplies

FASTest® CVBD 4T ad us. vet.

Canine vector-borne infectious diseases

Fast test for the qualitative detection of antibodies against **Anaplasma spp.** (*A. phagocytophilum*, *A. platys*), **Ehrlichia canis** and **Leishmania infantum** as well as **Dirofilaria immitis** antigens in whole blood, plasma or serum of the dog

On-site detection

In case of clinical suspicion

Routine check in case of unclear
clinic after tick infestation, stay
abroad or in dogs of unknown
origin

Identification of asymptomatic
carriers

Early initiation of therapeutic
measures



	Anaplasma	Ehrlichia	Dirofilaria	Leishmania
Sensitivity	93.6 %	92.5 %	94.1 %	95.2 %
Specificity	97.6 %	96.7 %	100 %	100 %

- Simple test procedure with whole blood, plasma or serum
- Fast test interpretation after 10 minutes
- Reliable clinical diagnostics
- Storage at room temperature (15–25 °C)
- Long shelf life
- Compact test box with 2, 6, 15, 25 or 50 tests

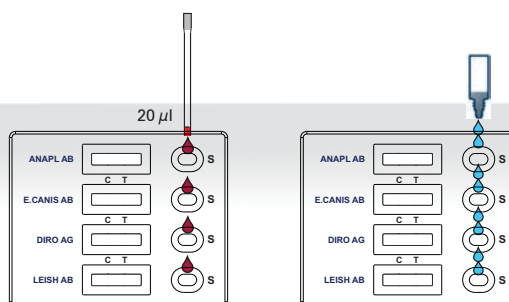
... **FASTest® CVBD 4T** ad us. vet.

Vector-borne parasitic diseases (e.g. leishmaniosis, anaplasmosis, ehrlichiosis and dirofilariosis) are of increasing diagnostic importance in dogs and cats due to climatic, ecological and cultural changes. In addition to vector-borne transmission, mainly by arthropods (especially ticks) and dipterans (especially mosquitoes and sandflies/butterflies), these can also be transmitted directly via blood (especially transfusions). The spread of these vectors and pathogens into previously non-endemic areas is constantly increasing. Therefore, testing for these pathogens (antigen detection and/or antibody detection) is recommended in suspected cases (routine check in case of travel/import history, presence of clinical symptoms, persistent infections, etc.).

Further detailed background information on these diseases can be found under the individual diseases or under the headings "Vector-borne diseases", "CVBD", e.g. the ESCCAP, the ABCD guidelines, the WHO and others.

Co-infections are not uncommon in vector-borne diseases. In suspected cases of (travel) parasitosis, the **FASTest® CVBD 4T** is therefore suitable for the rapid, qualitative detection of antigens (dirofilariosis) or antibodies (leishmaniosis, anaplasmosis, ehrlichiosis). Therefore, it enables further diagnostic, therapeutic and prophylactic measures to be taken immediately.

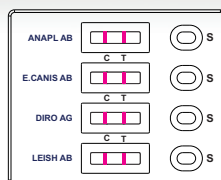
Test procedure



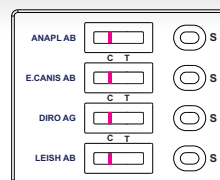
Test interpretation



POSITIVE



NEGATIVE



With a positive test result for Anaplasma, Ehrlichia and Leishmania, a laboratory confirmation test (second diagnostic step) like indirect immunofluorescence test (**MegaFLUO® ANAPLASMA** ph, **MegaFLUO® EHRLICHIA** canis or **MegaFLUO® LEISH**) should be done to determine the end titre or a seroconversion, respectively.

Parasitic infections like leishmaniosis, ehrlichiosis, babesiosis, borreliosis etc. are accompanied with increasing inflammation activity and tissue damage and therefore increasing CRP (C-reactive protein) values. In case of unclear symptoms, **FASTest® CRP** canine can give additional hints on an underlying inflammatory event.

Because anaplasmosis, ehrlichiosis, leishmaniosis or dirofilariosis often come along with thrombocytopenia (increased tendency to bleed), we recommend **BMBT-Vet. Dog** to get a first hint for an infection.



Distribution: Exclusive UK Distributor

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