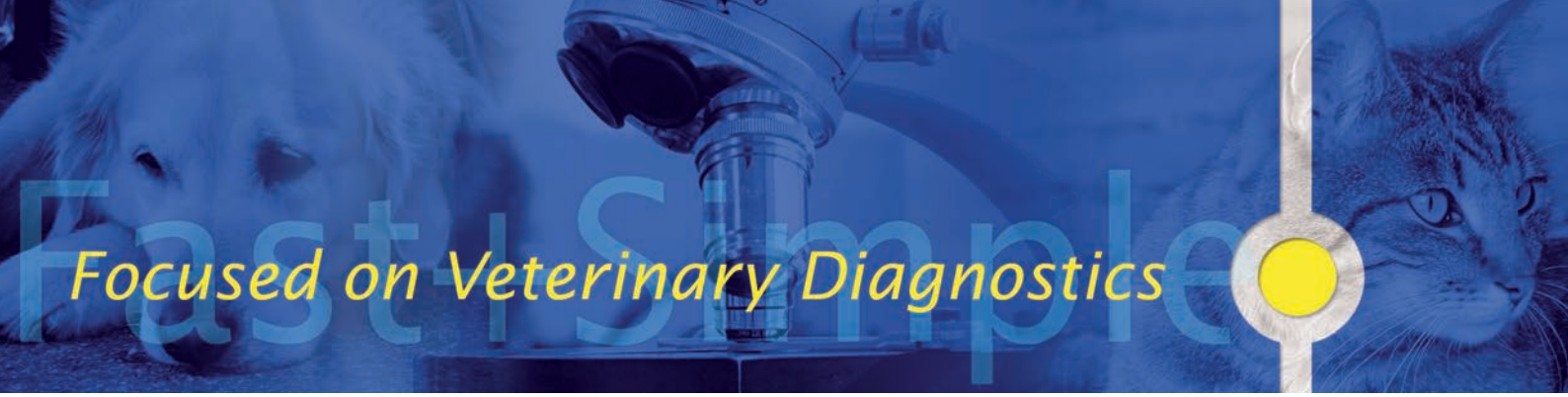

FASTest® CRP canine ad us. vet.

Early and exclusion diagnostics of inflammatory processes

Fast test for the qualitative detection of C-reactive Protein (CRP) through specific antibodies in whole blood, plasma or serum of dogs

Infectious diseases/sepsis

Non-infectious SIRS/shock

Gastroenteritis

Neoplasia

Immune mediated diseases

- Simple test procedure with whole blood, plasma or serum
- Fast test interpretation after 5 minutes
- Reliable clinical diagnostics
- Sensitivity 96 % & Specificity 81 % in plasma or serum
  Sensitivity 95 % & Specificity 94 % in whole blood
- Storage at room temperature (15-25° C)
- Long shelf life
- Compact test box with 2, 10 or 25 tests

***FASTest*® CRP canine** ad us. vet.

As response to tissue injury and inflammation, the body produces, among others, so-called acute-phase proteins (APP) in the liver. The C-reactive protein (CRP) is the most sensitive and fastest acute-phase protein of the dog, with low serum concentrations during normal homeostasis and a quick answer during and after beginning of inflammation. The function of CRP is, among others, stimulation of the unspecific immune defence by activation of scavenger cells and the complement cascade.

The measurement of CRP in dogs is useful for the diagnostics and follow-up of inflammatory diseases. In healthy dogs, there is a low CRP level below 10 mg/l. A drastic increase in the CRP level occurs on inflammatory processes within few hours due to infections, immune disorders, neoplasia and traumata. As soon as the inflammation subsides, the CRP level decreases rapidly. Therefore CRP can be regarded as a real-time marker. Indicating inflammations, CRP is more sensitive than the determination of rectal temperature or leucocyte differential diagnostics. Another advantage of CRP determination is its independence to endogeneous or iatrogenic disturbing factors (e.g. glucocorticoids, stress).

***FASTest*® CRP** canine is a lateral flow immunoassay using highly specific monoclonal antibodies against dog CRP. It can be used with whole blood, plasma or serum of dogs for in-clinic and/or laboratory testing.

By using ***FASTest*® CRP** canine, the veterinarian is enabled to prove (positive ***FASTest*® CRP** canine: CRP ≥ 10 mg/l) or rule out (negative ***FASTest*® CRP** canine: CRP < 10 mg/l) the suspicion of an inflammatory event on-site and without technical equipment.

Test procedure

Give **10 µl whole blood** or **5 µl serum** or **plasma** into the round sample window

Add **2 drops of Buffer diluent** into the round sample window

Test interpretation

POSITIVE

CRP positive (CRP concentration ≥ 10 mg/l)
Suspicion of an inflammatory process

POSITIVE

NEGATIVE

CRP negative (CRP concentration < 10 mg/l)
Exclusion of an inflammatory process

When the suspected diagnosis "inflammation" is confirmed by a positive ***FASTest*® CRP** canine, a second and/or third test at an inverval of 2 days, each, is recommended. This enables the veterinarian to specifically apply therapeutics as well as a prompt and prognostic evaluation of the therapeutic success.

Distribution:

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