

# Technical Information

## Canine CRP ELISA (TECO®)

### Canine C-reactive protein

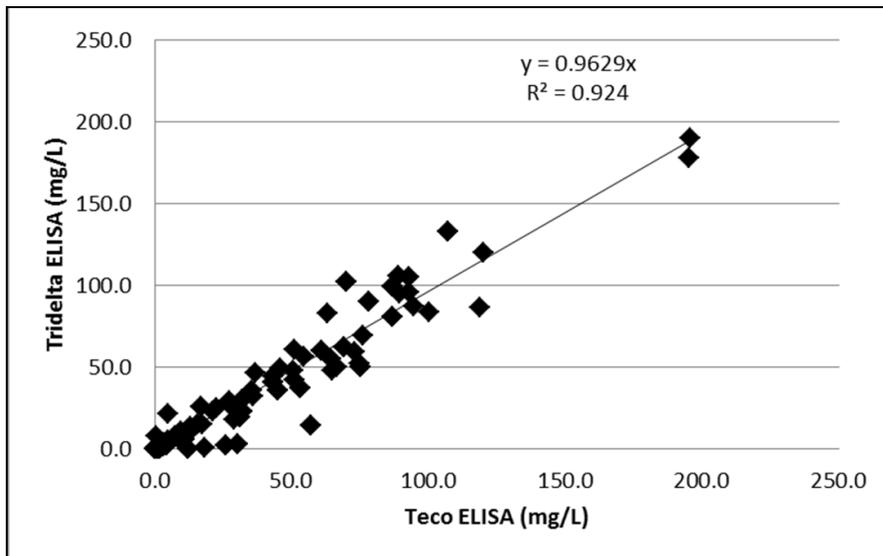
Cat. No.:	TE1024
Tests:	96
Method:	<b>ELISA</b>
Range:	5 – 50 mg/l (50 – 500 ng/ml before dilution)
Sensitivity:	2.9 mg/l
Incubation time:	2 hours
Sample volume:	20 µl (dilute 1:100)
Sample type:	Serum and cell culture.
Sample preparation:	Non-lipemic dog serum is recommended. Centrifuge collected blood samples within 4 hours. Sample are stable for 72 hours at room temperature, for 5 days at 2-8 °C, long term storage at -20°C, or at -70°C. Maximum 3 freeze- and thaw cycles.
Reference values:	serum of healthy canine < 5mg/l
Species:	Canine

#### Intended use:

The measurement of CRP is used for diagnosis and follow-up of inflammatory diseases. Although CRP is not disease-specific, the detection of an increased CRP level provides a valuable indication of the presence of inflammatory processes. CRP levels in serum/blood rise within hours after the onset of inflammation and reach a peak during the acute phase. As soon as the inflammation subsides, the CRP levels begin to decrease. As the erythrocyte sedimentation rate may be influenced by other physiological processes, the determination of CRP is a more reliable and more sensitive indicator of inflammation for:

- Rapid and easy detection of inflammatory processes
- Monitoring of therapy (Immune-mediated inflammatory processes)
- Screening before and follow-up after surgery
- Helpful as an aid in the diagnosis of infectious diseases
- Screening of health status, e. g. before travelling or vaccination
- Useful as part of health checks (especially with older dogs)
- Pregnancy
- Cancer

## Canine Serum CRP



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