

Technical Information

Haptoglobin ELISA Feline & Canine

Cat. No.:	TE1033
Tests:	96
Method:	ELISA
Range:	0 – 20 mg/ml (0- 2000 ng/ml after dilution)
LLOQ:	0.051 mg/ml
Incubation time:	2 hours
Sample volume:	20 µl (dilute 1:10000)
Sample type:	Serum, plasma and cell culture
Sample preparation:	Non-lipemic cat or dog serum is recommended. Centrifuge collected blood samples within 4 hours. Samples are stable for 72 hours at 2-8 °C or room temperature, long term storage at -20°C, or at -70°C. Maximum 3 freeze-and thaw cycles.
Reference values:	Serum of healthy cats < 3 mg/ml Serum of healthy dogs < 2.7 mg/ml
Species:	Feline & Canine
Interferences:	No interference with hemoglobin in hemolytic samples.
Intended use:	

The measurement of haptoglobin is used for diagnosis and follow-up of inflammatory diseases. Although haptoglobin is not disease-specific, the detection of an increased haptoglobin level provides a valuable indication of the presence of inflammatory processes. Haptoglobin, an acute phase protein, is part of immune system-mediated defence mechanisms that is found in the blood of a range of animal species. Under normal conditions, haptoglobin is either absent from the blood or present at very low levels. However, haptoglobin can increase significantly in response to acute infection, inflammation or trauma.

Therefore haptoglobin is a use reliable indicator for:

- Rapid and easy detection of inflammatory processes
- Indicator for respiratory and orthopedic disorders
- 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,
- Useful as part of health checks
- Cancer

