

Canine Haptoglobin ELISA Kit | HP elisa kit

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CATALOG #
AAA88685

REACTIVITY
Canine

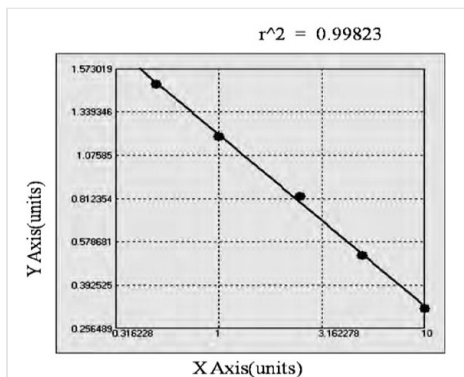
PRODUCT SYNONYMS

Haptoglobin; Canine Haptoglobin ELISA Kit; HP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	171
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This HOXD8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HOXD8. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit

Principle of the assay: HOXD8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HOXD8 antibody and an HOXD8-HRP conjugate. The assay sample and buffer are incubated together with HOXD8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HOXD8 concentration since HOXD8 from samples and HOXD8-HRP conjugate compete for the anti-HOXD8 antibody binding site. Since the number of sites is limited, as more sites are occupied by HOXD8 from the sample, fewer sites are left to bind HOXD8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HOXD8 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223693015
NCBI GeneID	7502682
NCBI Official Full Name	Hpt
NCBI Official Symbol	hpt
NCBI Protein Information	hypoxanthine-guanine phosphoribosyltransferase Hpt (HGPRT) (HGPRTase); hypothetical protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hp-canine-elisa-kits/haptoglobin/88685>