

Canine Histatin 5 ELISA Kit | HTN5 elisa kit

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CATALOG #
AAA96323

REACTIVITY
Canine

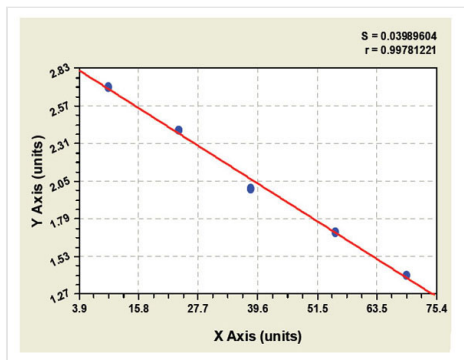
PRODUCT SYNONYMS

Histatin 5; Canine Histatin 5 ELISA Kit; HTN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This HTN5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HTN5. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTN5 elisa kit

Principle of the Assay: HTN5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HTN5 antibody and an HTN5-HRP conjugate. The assay sample and buffer are incubated together with HTN5-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 HTN5 concentration since HTN5 from samples and HTN5-HRP conjugate compete for the anti-HTN5 antibody binding site. Since the number of sites is limited, as more sites are occupied by HTN5 from the sample, fewer sites are left to bind HTN5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HTN5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557653
NCBI GeneID	3347
NCBI Accession #	NP_000191.1
NCBI GenBank Nucleotide #	NM_000200.2
Molecular Weight	6,149 Da
NCBI Official Full Name	histatin-3
NCBI Official Synonym Full Names	histatin 3
NCBI Official Symbol	HTN3
NCBI Official Synonym Symbols	HIS2; HTN2; HTN5
NCBI Protein Information	histatin-3; PB; hst; histatin 5; histatin-4; histatin-5; histatin-6; histatin-7; histatin-8; histatin-9; histidine-rich protein 3; basic histidine-rich protein
UniProt Protein Name	Histatin-3
UniProt Gene Name	HTN3
UniProt Synonym Gene Names	HIS2; Hst; His3 20/44; His3 1/25; His3 20/43; His3 1/24; His3 20/32; His3 1/13; His3 20/31; His3 1/12; His3 20/30; His3 1/11; His3 24/32; His3 5/13; His3 24/31; His3 5/12; His3 24/30; His3 5/11; His3 25/32; His3 6/13; His3 25/30; His3 6/11; His3 26/32; Hi
UniProt Entry Name	HIS3_HUMAN

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://stage.aaabiotech.com/htn5-canine-elisa-kits/histatin-5/96323>