

Canine Cystatin C (Cys-C) ELISA Kit | Cys-C elisa kit

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CATALOG #
AAA122347

REACTIVITY
Canine

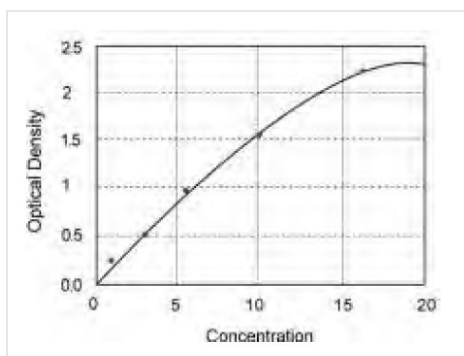
PRODUCT SYNONYMS

Cystatin C (Cys-C); Canine Cystatin C (Cys-C) ELISA Kit; Cys-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	140
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15mg/L
Sensitivity	0.02mg/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cys-C elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine Cys-C antibody. Cys-C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine Cys-C Antibody is added and binds to Cys-C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Cys-C antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine Cys-C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Cystatin C (also known as Cys-C) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54234046
NCBI GeneID	25307
NCBI Accession #	NP_036969.1
NCBI GenBank Nucleotide #	NM_012837.1
UniProt Accession #	P14841; Q5M968
Molecular Weight	15,437 Da
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	Cst3
NCBI Official Synonym Symbols	CYSC
NCBI Protein Information	cystatin-C
UniProt Protein Name	Cystatin-C
UniProt Gene Name	Cst3

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/canine-elisa-kits/cystatin-c-cys-c/122347>