

Canine Cytochrome-C ELISA Kit | Cyt-C elisa kit

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CATALOG #
AAA94244

REACTIVITY
Canine

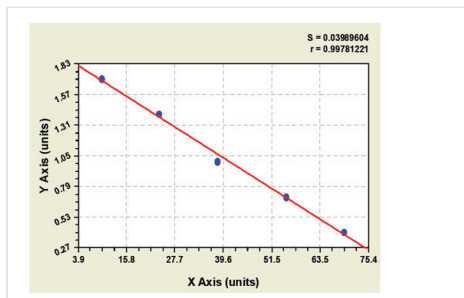
PRODUCT SYNONYMS

Cytochrome-C; Canine Cytochrome-C ELISA Kit; Cyt-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This Cyt-C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Cyt-C. 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



ADDITIONAL INFORMATION

Related Product Information for Cyt-C elisa kit

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

Product Categories/Family for Cyt-C elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	442628080
NCBI GeneID	34995
NCBI Accession #	NP_001260509.1
NCBI GenBank Nucleotide #	NM_001273580.1
NCBI Official Full Name	cytochrome c distal, isoform B
NCBI Official Synonym Full Names	Cytochrome c distal
NCBI Official Symbol	Cyt-c-d
NCBI Official Synonym Symbols	bln; bs30f07.y1; CG13263; cyt c; Cyt c; Cyt C; cyt c-d; cyt-c-d; Cyt-c1; cyt.c; Cytc; CytC; CytC-1; Cytc-d; CytC1; cytochrome c; dc3; DC3; DmelCG13263; ms(2)04445; pDMc02
NCBI Protein Information	CG13263 gene product from transcript CG13263-RA; CG13263-PA; CG13263-PB; Cyt-c-d-PA; Cyt-c-d-PB; blanks; cytochrome c; cytochrome c distal; cytochrome-c-d

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/cyt-c-canine-elisa-kits/cytochrome-c/94244>