

Canine Cytochrome C ELISA Kit | Cy.C elisa kit

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CATALOG #
AAA93269

REACTIVITY
Canine

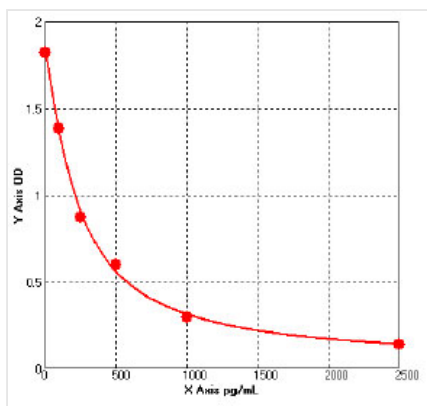
PRODUCT SYNONYMS

Cytochrome C; Canine Cytochrome C ELISA Kit; Cy.C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of CYPC. No significant cross-reactivity or interference between CYPC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYPC and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cy.C elisa kit	Principle of the Assay: CYPC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYPC antibody and an CYPC-HRP conjugate. The assay sample and buffer are incubated together with CYPC-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 CYPC concentration since CYPC from samples and CYPC-HRP conjugate compete for the anti-CYPC antibody binding site. Since the number of sites is limited, as more sites are occupied by CYPC from the sample, fewer sites are left to bind CYPC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYPC concentration in each sample is interpolated from this standard curve. Intended Uses: This CYPC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CYPC. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Cy.C elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	11128019
NCBI GeneID	54205
NCBI Accession #	NP_061820.1
NCBI GenBank Nucleotide #	NM_018947.5
Molecular Weight	11,749 Da
NCBI Official Full Name	cytochrome c
NCBI Official Synonym Full Names	cytochrome c, somatic
NCBI Official Symbol	CYCS
NCBI Official Synonym Symbols	CYC; HCS; THC4
NCBI Protein Information	cytochrome c
UniProt Protein Name	Cytochrome c
UniProt Gene Name	CYCS
UniProt Synonym Gene Names	CYC
UniProt Entry Name	CYC_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/cy-c-canine-elisa-kits/cytochrome-c/93269>