

Bovine Cytochrome C ELISA Kit | Cyt c elisa kit

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CATALOG #
AAA86729

REACTIVITY
Bovine

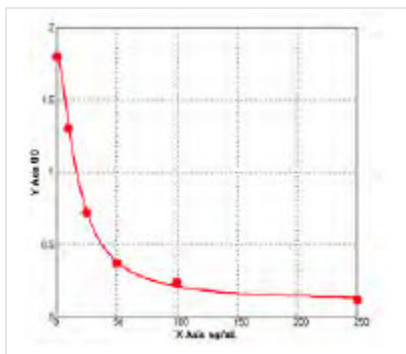
PRODUCT SYNONYMS

Cytochrome C; Bovine Cytochrome C ELISA Kit; Cyt c elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyt c elisa kit	Intended Uses: This CYC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CYC. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CYC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYC antibody and an CYC-HRP conjugate. The assay sample and buffer are incubated together with CYC-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 CYC concentration since CYC from samples and CYC-HRP conjugate compete for the anti-CYC antibody binding site. Since the number of sites is limited, as more sites are occupied by CYC from the sample, fewer sites are left to bind CYC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Cyt 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/cyt-c-bovine-ovine-elisa-kits/cytochrome-c/86729>