

Goat Cytochrome C ELISA Kit | Cyt c elisa kit

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CATALOG #
AAA89257

REACTIVITY
Goat

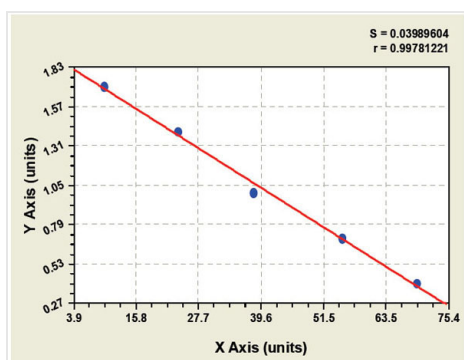
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernat ants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 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

For samples: Serum, plasma, cell culture supernat ants, body fluid and tissue homogenate

INTENDED USE This Cy.C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Cy.C . This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY Cy.C ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Cy.C antibody and an Cy.C-HRP conjugate. The assay sample and buffer are incubated together with Cy.C-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five time s. Thewells 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 Cy.C concentration since Cy.C from samples and Cy.C-HRP conjugate compete for the anti-Cy.C antibody binding site. Since the number of sites is limited, as more sites are occupied by Cy.C from the sample, fewer sites are left to bind Cy.C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Cy.C concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Cyt c elisa kit	Cancer
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11128019
NCBI GeneID	54205
NCBI Accession #	NP_061820.1
NCBI GenBank Nucleotide #	NM_018947.5
UniProt Accession #	P99999; P00001; Q6NUR2; Q6NX69; Q96BV4; A4D166; B2R4I1; Q6LER6
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-goat-elisa-kits/cytochrome-c/89257>