

Monkey Cytochrome C ELISA Kit | Cy.C elisa kit

Monkey Cytochrome C ELISA Kit

CATALOG #
AAA93169

REACTIVITY
Monkey

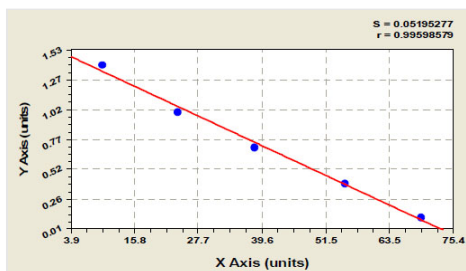
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Cy.C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Cy.C. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This Cy.C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Cy.C. This ELISA kit for research use only, not for therapeutic applications!
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: 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 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 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.

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.