

Sheep Cytochrome C ELISA Kit | Cyt c elisa kit

Sheep Cytochrome C ELISA Kit

CATALOG #
AAA93358

REACTIVITY
Sheep

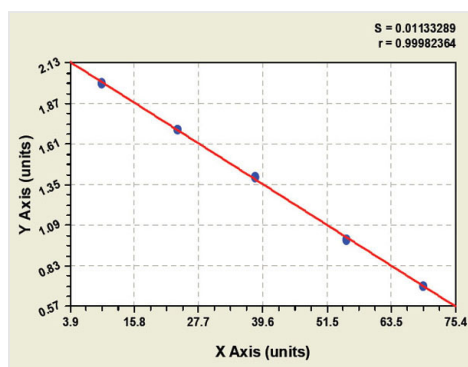
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 Cyt c ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Cyt c. This ELISA kit for research use only!

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cyt-c-sheep-elisa-kits/cytochrome-c/93358>