

Rat Cytochrome C ELISA Kit | Cyt-C elisa kit

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CATALOG #
AAA98657

REACTIVITY
Rat

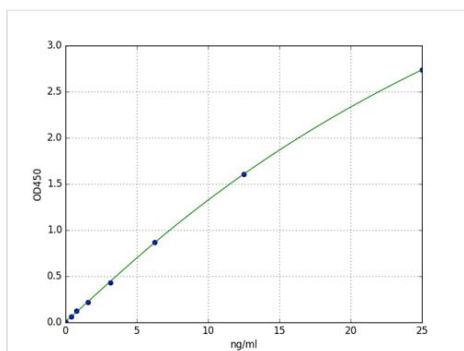
PRODUCT SYNONYMS

Cytochrome C; Rat Cytochrome C ELISA Kit; Cyt-C/CYCS/CYCHCS/cytochrome c/cytochrome c; somatic/THC4; Cyt-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	105
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.391-25ng/ml
Sensitivity	0.234ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Cyt-C ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.391	0.781	1.563	3.125	6.25	12.5	25
Y	OD450	0.015	0.196	0.307	0.716	1.112	1.375	1.571	2.017

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyt-C elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Cyt-C antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Cyt-C antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Cyt-C amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Cyt-C can be calculated.

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-rat-elisa-kits/cytochrome-c/98657>