

Human Cytochrome-C ELISA Kit | Cyt-C elisa kit

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CATALOG #
AAA83257

REACTIVITY
Human

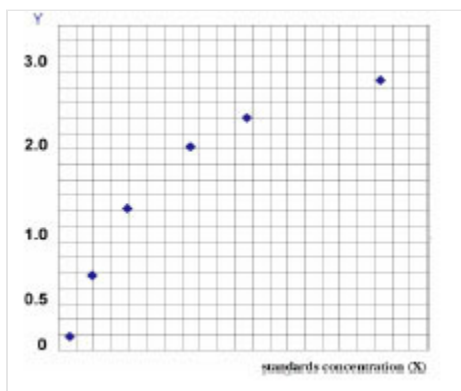
PRODUCT SYNONYMS

Cytochrome-C; Human Cytochrome-C ELISA Kit; Cyt-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/mL
Sensitivity	1.0ng/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 intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of CYT-C in the sample, this CYT-C ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus CYT-C concentration. The concentration of CYT-C in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CYT-C enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for CYT-C. Standards or samples are then added to the microtiter plate wells and CYT-C if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYT-C present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CYT-C are added to each well to "sandwich" the CYT-C immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CYT-C and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for Cyt-C elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	442628080
NCBI GeneID	34995
NCBI Accession #	NP_001260509.1
NCBI GenBank Nucleotide #	NM_001273580.1
NCBI Official Full Name	cytochrome c distal, isoform B
NCBI Official Synonym Full Names	Cytochrome c distal
NCBI Official Symbol	Cyt-c-d
NCBI Official Synonym Symbols	bln; bs30f07.y1; CG13263; cyt c; Cyt c; Cyt C; cyt c-d; cyt-c-d; Cyt-c1; cyt.c; Cytc; CytC-1; Cytc-d; CytC1; cytochrome c; dc3; DC3; DmelCG13263; ms(2)04445; pDMc02
NCBI Protein Information	CG13263 gene product from transcript CG13263-RA; CG13263-PA; CG13263-PB; Cyt-c-d-PA; Cyt-c-d-PB; blanks; cytochrome c; cytochrome c distal; cytochrome-c-d

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-human-elisa-kits/cytochrome-c/83257>