

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

Human Cyt-C (Cytochrome C) ELISA Kit

CATALOG #
AAA165587

REACTIVITY
Human

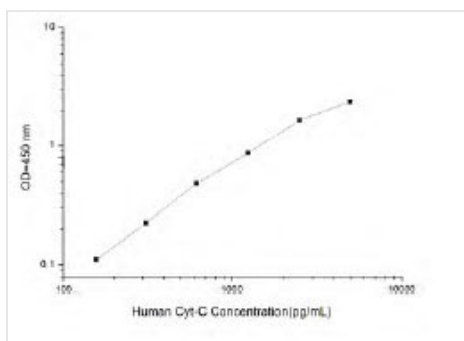
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human Cyt-C in samples. No significant cross-reactivity or interference between Human Cyt-C and analogues was observed.
Sequence Length	105
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human Cyt-C were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human Cyt-C were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyt-C elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human Cyt-C. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human Cyt-C and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human Cyt-C, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human Cyt-C. You can calculate the concentration of Human Cyt-C in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human Cyt-C concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	442628080
NCBI GeneID	34995
NCBI Accession #	NP_001260509.1
NCBI GenBank Nucleotide #	NM_001273580.1
Molecular Weight	11,369 Da
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; 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
UniProt Protein Name	Cytochrome c-1
UniProt Gene Name	Cyt-c-d
UniProt Synonym Gene Names	CytC1; DC3
UniProt Entry Name	CYC1_DROME

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.