

Cystatin C ELISA Kit | CST3 elisa kit

Cystatin C ELISA Kit

CATALOG #
AAA72649

PRODUCT SYNONYMS

Cystatin C; Cystatin C ELISA Kit; Cystatin 3; CST3 elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	146
Samples	Human Serum, Plasma, Body Fluids, Tissue Homogenate Or Cell Culture Supernates
Assay Type	Sandwich
Detection Range	31.2 pg/ml-2000 pg/ml
Sensitivity	< 2 pg/ml
Preparation and Storage	2 - 8 degree C

IMAGES

Typical Data & Standard Curve
Results of a typical standard run of a human Cystatin 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. (Values not applicable)

X	pg/ml	0	312	625	1250	2500	5000	10,000	20,000
Y	OD450	0.058	0.092	0.124	0.157	0.338	0.681	1.357	2.167

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CST3 elisa kit

Intended Uses: The CXCL9 ELISA has been designed for the precise measurement of CXCL9 in human serum, plasma, body fluids, tissue homogenate or cell culture supernates. For research use only.

Principle of the Assay: This kit is based on a sandwich enzyme-linked immune-sorbent assay technology. An analyte-specific polyclonal antibody is pre-coated onto 96-well plates. The biotin conjugated second antibody is used as detection antibody. During the first incubation the standards and samples react with the analyte-specific pre-coated antibody. In a second incubation the biotin conjugated detection antibody completes the sandwich. After washing with wash buffer the TMB substrate is added to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changes into yellow after adding acidic stop solution. The optical density of the yellow color is proportional to the analyte captured in plate. Read the O.D. absorbance at 450nm in a microtiterplate reader, and calculate the concentration of the analyte in the sample by taking into consideration the dilution factor of the sample!!
Background/Introduction: Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN-gamma. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3.

Product Categories/Family for CST3 elisa kit

[Cardiovascular](#); [Brain Disorders & Neuroscience](#); [Cytokines & Cell Signalling](#); [Oncology](#); [Research Assays](#); [Assay Categories](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	755738
NCBI GeneID	1471
UniProt Accession #	P01034; Q6FGW9; B2R5J9; D3DW42
Molecular Weight	15,799 Da
NCBI Official Full Name	cystatin C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	CST3
NCBI Official Synonym Symbols	ARMD11; HEL-S-2
NCBI Protein Information	cystatin-C
UniProt Protein Name	Cystatin-C
UniProt Gene Name	CST3
UniProt Entry Name	CYTC_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://www.aaabiotech.com/elisa-kits/cystatin-c/72649>