

Rat Cys-C (Cystatin C) ELISA Kit | Cys-C elisa kit

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CATALOG #
AAA278842

REACTIVITY
Rat

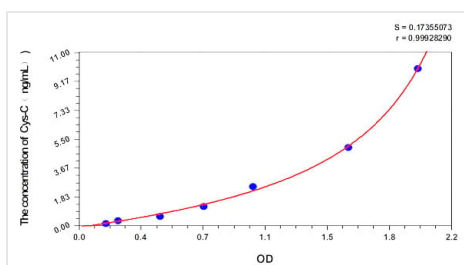
PRODUCT SYNONYMS

Cys-C (Cystatin C); Rat Cys-C (Cystatin C) ELISA Kit; CST3; Cystatin 3; ARMD11; Post-Gamma-Globulin; Cys-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.57-100ng/mL
Sensitivity	0.51ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cys-C elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat Cys-C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Cys-C. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat Cys-C, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat Cys-C in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for Cys-C elisa kit

Stem Cells; Cardiovascular; Cell Biology; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	54234046
NCBI GeneID	25307
NCBI Accession #	NP_036969.1

NCBI GenBank Nucleotide #	NM_012837.1
UniProt Accession #	P14841 ; Q5M968
Molecular Weight	15,437 Da
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	Cst3
NCBI Official Synonym Symbols	CYSC
NCBI Protein Information	cystatin-C; Cystatin C (cysteine proteinase inhibitor); cystatin 3; cystatin-3
UniProt Protein Name	Cystatin-C
UniProt Gene Name	Cst3
UniProt Entry Name	CYTC_RAT

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://www.aaabiotech.com/rat-elisa-kits/cys-c-cystatin-c/278842>