

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

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CATALOG #
AAA174577

REACTIVITY
Human

PRODUCT SYNONYMS

Cys-C (Cystatin C); Human Cys-C (Cystatin C) ELISA Kit; Human Cys-C; Cys-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CYP2E1 in samples. No significant cross-reactivity or interference between HumanCYP2E1and analogues was observed.
Sequence Length	146
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL.

ADDITIONAL INFORMATION

Related Product Information for Cys-C elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CYP2E1 concentrations in serum, plasma and other biological fluids.

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 CYP2E1. 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 CYP2E1 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 CYP2E1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-subst rate 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 CYP2E1. You can calculate the concentration of Human CYP2E1 in the samples by comparing the OD of the samples to the standard curve.

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

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/human-elisa-kits/cys-c-cystatin-c/174577>