

Human Anti-Heparin Cofactor II Antibody (Anti-HCII) ELISA Kit | HCII elisa kit

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CATALOG #
AAA189617

REACTIVITY
Human

PRODUCT SYNONYMS

Anti-Heparin Cofactor II Antibody (Anti-HCII); Human Anti-Heparin Cofactor II Antibody (Anti-HCII) ELISA Kit; SERPIND1; HC2; HCF2; HC II; HLS2; LS2; Serpin D1; Serpin Peptidase Inhibitor Clade D Member 1; Protease inhibitor leuserpin-2; HCII/Heparin Cofactor II; HCII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-HCII. No significant cross-reactivity or interference between Anti-HCII and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.22ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-HCII were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-HCII were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCII elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with HCII. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-HCII 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 Anti-HCII in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-HCII in human serum, plasma and other biological fluids.

Product Categories/Family for HCII elisa kit	Hematology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73858566
NCBI GeneID	3053
NCBI Accession #	NP_000176.2
NCBI GenBank Nucleotide #	NM_000185.3
UniProt Accession #	P05546; Q6IBZ5; B2RAI1; D3DX34
Molecular Weight	57,071 Da
NCBI Official Full Name	heparin cofactor 2
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade D (heparin cofactor), member 1
NCBI Official Symbol	SERPIND1
NCBI Official Synonym Symbols	HC2; LS2; HCF2; HCII; HLS2; THPH10; D22S673
NCBI Protein Information	heparin cofactor 2; serpin D1; leuserpin 2; protease inhibitor leuserpin-2; serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1
UniProt Protein Name	Heparin cofactor 2
UniProt Gene Name	SERPIND1
UniProt Synonym Gene Names	HCF2; HC-II; HLS2
UniProt Entry Name	HEP2_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://stage.aaabiotech.com/human-elisa-kits/anti-heparin-cofactor-ii-antibody-anti-hcii/189617>