

Human serpin peptidase inhibitor, clade D (heparin cofactor) , member 1 ELISA Kit | SERPIND1 elisa kit

Human heparin cofactor II, HCII ELISA Kit

CATALOG #
AAA15395

REACTIVITY
Human

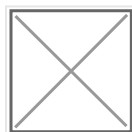
PRODUCT SYNONYMS

serpin peptidase inhibitor; clade D (heparin cofactor); member 1; Human heparin cofactor II; HCII ELISA Kit; HCIIELISA Kit; D22S673; HC2; HCF2; HCII; HLS2; LS2; OTTHUMP00000198451; heparin cofactor II; leuserpin 2; serine (or cysteine) proteinase inhibitor; SERPIND1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HC II. No significant cross-reactivity or interference between human HC II and analogues was observed.
Sequence Length	499
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.25 pg/ml -80 pg/ml
Sensitivity	0.312 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPIND1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HCII has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HCII present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HCII is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HCII bound in the initial step. The color development is stopped and the intensity of the color is measured.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpind1-human-elisa-kits/serpin-peptidase-inhibitor-clade-d-heparin-cofactor-member-1/15395>