

Rat Heparin Cofactor II ELISA Kit | HC II elisa kit

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CATALOG #
AAA98165

REACTIVITY
Rat

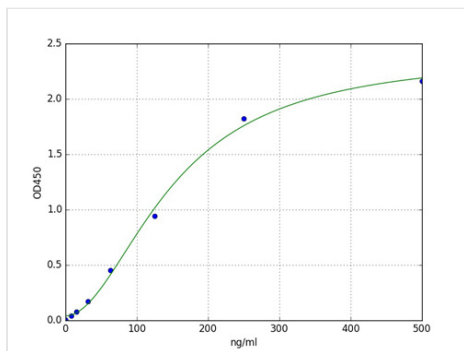
PRODUCT SYNONYMS

Heparin Cofactor II; Rat Heparin Cofactor II ELISA Kit; HC II/Serpin D1/Heparin Cofactor II/HC2/HCF2/Heparin Cofactor II/LS2/HC2LS2/HCF2clade D (heparin cofactor); member 1/HC-II/Heparin cofactor II/HLS2HCII/leuserpin 2/Protease inhibitor leuserpin-2/Serpin D1/serpin peptidase inhibitor; clade D (heparin cofactor); member 1; HC II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	499
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50pmol/ml
Sensitivity	0.469pmol/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat HC II 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. (N/A=not applicable)

X	ng/ml	0	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.032	0.118	0.144	0.257	0.469	0.812	1.430	2.462

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HC II elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat HC II antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat HC II antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat HC II amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat HC II can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183910
NCBI GeneID	3053
Molecular Weight	57,071 Da
NCBI Official Full Name	heparin cofactor II
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
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/hc-ii-rat-elisa-kits/heparin-cofactor-ii/98165>