

Human Inhibin Beta C (INHbC) ELISA Kit | INHbC elisa kit

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CATALOG #
AAA67496

REACTIVITY
Human

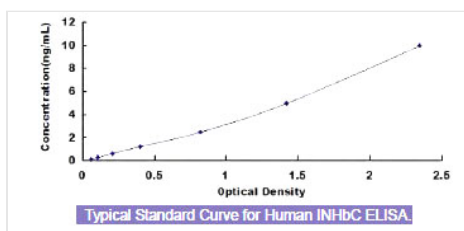
PRODUCT SYNONYMS

Inhibin Beta C (INHbC); Human Inhibin Beta C (INHbC) ELISA Kit; IHBC; INH-Bc; INHbC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of INHbC. No significant cross-reactivity or interference between INHbC and analogues was observed.
Sequence Length	352
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INHbC 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 INHbC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INHbC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of INHbC in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to INHbC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to INHbC. 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 INHbC, 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 INHbC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031795
NCBI GeneID	3626
NCBI Accession #	NP_005529.1
NCBI GenBank Nucleotide #	NM_005538.3
UniProt Accession #	P55103; A1L3Y2
Molecular Weight	38,238 Da
NCBI Official Full Name	inhibin beta C chain preproprotein
NCBI Official Synonym Full Names	inhibin beta C subunit
NCBI Official Symbol	INHBC
NCBI Official Synonym Symbols	IHBC
NCBI Protein Information	inhibin beta C chain
UniProt Protein Name	Inhibin beta C chain
UniProt Gene Name	INHBC

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.