

Human Inhibin Beta B (INHbB) ELISA Kit | INHbB elisa kit

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CATALOG #
AAA136834

REACTIVITY
Human

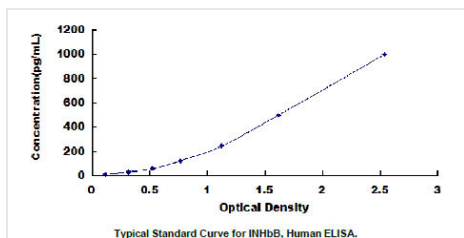
PRODUCT SYNONYMS

Inhibin Beta B (INHbB); Human Inhibin Beta B (INHbB) ELISA Kit; INH-BB; Activin AB Beta Polypeptide; INHbB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of INHbB. No significant cross-reactivity or interference between INHbB and analogues was observed.
Sequence Length	370
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.0pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INHbB 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 INHbB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 INHbB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of INHbB in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to INHbB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to INHbB. 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 INHbB, 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 INHbB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for INHbB elisa kit	Tumor immunity; Endocrinology; Reproductive science; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	148238179
NCBI GeneID	399280
NCBI Accession #	NP_001084055.1
NCBI GenBank Nucleotide #	NM_001090586.1
NCBI Official Full Name	inhibin, beta B
NCBI Official Synonym Full Names	inhibin, beta B<
NCBI Official Symbol	inhbb
NCBI Official Synonym Symbols	inhibin
NCBI Protein Information	inhibin, beta B

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.