

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

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CATALOG #
AAA182298

REACTIVITY
Mouse

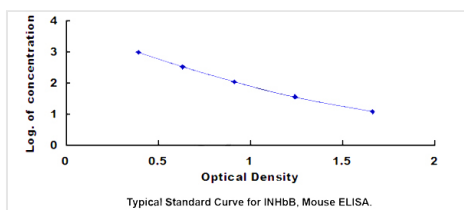
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	Quantitative Competitive
Samples	Mouse serum, plasma and other biological fluids
Detection Range	12.35-1,000pg/mL
Sensitivity	< 5.09pg/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	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to INHbB has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled INHbB and unlabeled INHbB (Standards or samples) with the pre-coated antibody specific to INHbB. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of INHbB in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of INHbB in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of INHbB in mouse serum, plasma and other biological fluids.
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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 L homeolog
NCBI Official Synonym Full Names	inhibin beta B L homeolog
NCBI Official Symbol	inhbb.L
NCBI Official Synonym Symbols	inhbb; XactBB1; XactBB2; inhibin; XactBetaB1; XactBetaB2
NCBI Protein Information	inhibin beta B L homeolog

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/mouse-elisa-kits/inhibin-beta-b-inhbb/182298>