

Mouse Inhibin Beta E (INHbE) ELISA Kit | INHbE elisa kit

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CATALOG #
AAA181853

REACTIVITY
Mouse

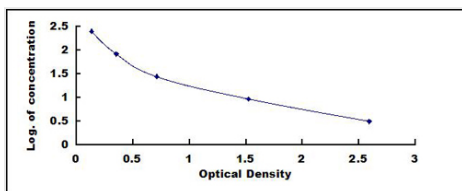
PRODUCT SYNONYMS

Inhibin Beta E (INHbE); Mouse Inhibin Beta E (INHbE) ELISA Kit; INH-bE; Activin beta-E chain; INHbE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Inhibin Beta E (INHbE). No significant cross-reactivity or interference between Inhibin Beta E (INHbE) and analogues was observed.
Sequence Length	350
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	3.09-250pg/mL
Sensitivity	< 1.13pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Inhibin Beta E (INHbE) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Inhibin Beta E (INHbE) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 INHbE elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Inhibin Beta E (INHbE) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Inhibin Beta E (INHbE) and unlabeled Inhibin Beta E (INHbE) (Standards or samples) with the pre-coated antibody specific to Inhibin Beta E (INHbE). 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 Inhibin Beta E (INHbE) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Inhibin Beta E (INHbE) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13899338
NCBI GeneID	83729
NCBI Accession #	NP_113667.1
NCBI GenBank Nucleotide #	NM_031479.4
UniProt Accession #	P58166
Molecular Weight	38,561 Da
NCBI Official Full Name	inhibin beta E chain preproprotein
NCBI Official Synonym Full Names	inhibin beta E subunit
NCBI Official Symbol	INHBE
NCBI Protein Information	inhibin beta E chain
UniProt Protein Name	Inhibin beta E chain
UniProt Gene Name	INHBE

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-e-inhb/181853>