

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

High Sensitive Inhibin Beta E (INHbE) ELISA Kit

CATALOG # AAA189259	REACTIVITY Mouse	APPLICATIONS ELISA
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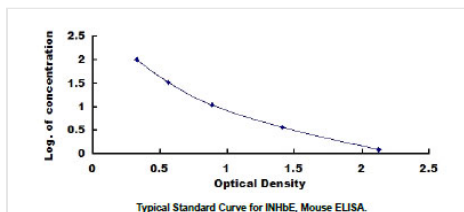
PRODUCT SYNONYMS

Inhibin Beta E (INHbE); High Sensitive 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 INHbE. No significant cross-reactivity or interference between INHbE and analogues was observed.
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	1.23-100pg/mL
Sensitivity	< 0.44pg/mL
Applicable Applications for INHbE elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INHbE 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 INHbE 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 INHbE elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of INHbE in mouse serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to INHbE has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled INHbE and unlabeled INHbE (Standards or samples) with the pre-coated antibody specific to 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 INHbE in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of INHbE in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	162139831
NCBI GeneID	16326
NCBI Accession #	NP_032408.2
NCBI GenBank Nucleotide #	NM_008382.3
UniProt Accession #	O08717; Q91XH3
Molecular Weight	39,002 Da
NCBI Official Full Name	inhibin beta E chain preproprotein
NCBI Official Synonym Full Names	inhibin beta-E
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://www.aaabiotech.com/mouse-elisa-kits/inhibin-beta-e-inhbe/189259>