

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

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CATALOG # AAA64535	REACTIVITY Rat
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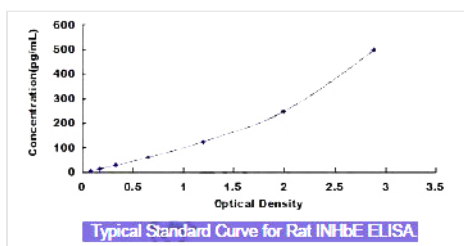
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	350
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	7.812-500pg/mL
Sensitivity	2.5pg/mL
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	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 INHbE elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of INHbE in rat 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 INHbE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to INHbE. 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 INHbE, 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 INHbE 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 #	148747590
NCBI GeneID	83711
NCBI Accession #	NP_114003.2
NCBI GenBank Nucleotide #	NM_031815.2
UniProt Accession #	O88959; Q9R285
Molecular Weight	38,899 Da
NCBI Official Full Name	inhibin beta E chain
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.