

Mouse Inhibin Beta A (INHbA) ELISA Kit | INHbA elisa kit

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CATALOG #
AAA189648

REACTIVITY
Mouse

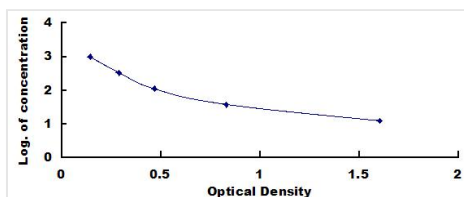
PRODUCT SYNONYMS

Inhibin Beta A (INHbA); Mouse Inhibin Beta A (INHbA) ELISA Kit; INH-BA; INHB-A; EDF; FRP; Activin A; Activin AB Alpha Polypeptide; Activin beta-A chain; Erythroid differentiation protein; INHbA/Inhibin Beta A; INHbA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of INHbA. No significant cross-reactivity or interference between INHbA and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	12.35-1,000pg/mL
Sensitivity	< 4.83pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INHbA 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 INHbA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months 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 INHbA elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to INHbA has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled INHbA and unlabeled INHbA (Standards or samples) with the pre-coated antibody specific to INHbA. 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 INHbA in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of INHbA in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of INHbA in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for INHbA elisa kit	Tumor immunity; Endocrinology; Reproductive science; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680451
NCBI GeneID	16323
NCBI Accession #	NP_032406.1
NCBI GenBank Nucleotide #	NM_008380.1
UniProt Accession #	Q04998
Molecular Weight	47,392 Da
NCBI Official Full Name	inhibin beta A chain
NCBI Official Synonym Full Names	inhibin beta-A
NCBI Official Symbol	Inhba
NCBI Protein Information	inhibin beta A chain; activin beta-A chain
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	Inhba
UniProt Entry Name	INHBA_MOUSE

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-a-inhba/189648>