

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

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CATALOG #
AAA65213

REACTIVITY
Rat

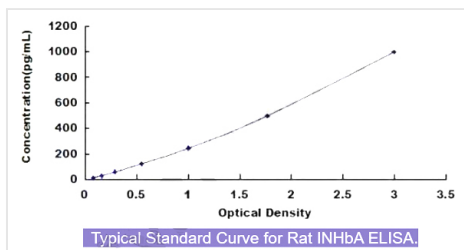
PRODUCT SYNONYMS

Inhibin Beta A (INHbA); Rat 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	424
Assay Type	Quantitative Sandwich
Samples	Rat serum, plasma or other biological fluids
Detection Range	15.6-1000pg/mL
Sensitivity	< 4.5pg/mL
Intra-assay Precision	ntra-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	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 INHbA elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to INHbA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to INHbA. 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 INHbA, 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 INHbA in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of INHbA in rat serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393613
NCBI GeneID	29200
NCBI Accession #	NP_058824.1
NCBI GenBank Nucleotide #	NM_017128.2
UniProt Accession #	P18331
Molecular Weight	47,406 Da
NCBI Official Full Name	inhibin beta A chain preproprotein
NCBI Official Synonym Full Names	inhibin beta A subunit
NCBI Official Symbol	Inhba
NCBI Protein Information	inhibin beta A chain
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	Inhba

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/inhibin-beta-a-inhba/65213>