

Mouse Inhibin beta A chain ELISA Kit | Inhba elisa kit

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CATALOG #
AAA98162

REACTIVITY
Mouse

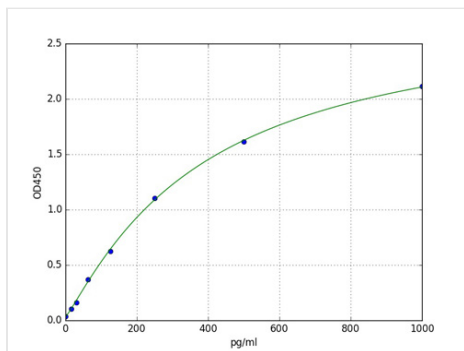
PRODUCT SYNONYMS

Inhibin beta A chain; Mouse Inhibin beta A chain ELISA Kit; Inhba/Activin beta-A chain/Erythroid differentiation protein (EDF); Inhba elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	426
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Inhba ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.021	0.054	0.078	0.117	0.291	0.561	1.086	2.018

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Inhba elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Inhba antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Inhba antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Inhba amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Inhba can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4504699

NCBI GeneID	3624
NCBI Accession #	NP_002183.1
NCBI GenBank Nucleotide #	NM_002192.2
Molecular Weight	47,442 Da
NCBI Official Full Name	inhibin beta A chain
NCBI Official Synonym Full Names	inhibin beta A
NCBI Official Symbol	INHBA
NCBI Official Synonym Symbols	EDF; FRP
NCBI Protein Information	inhibin beta A chain
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	INHBA
UniProt Synonym Gene Names	EDF
UniProt Entry Name	INHBA_HUMAN

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/inhba-mouse-elisa-kits/inhibin-beta-a-chain/98162>