

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

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CATALOG #
AAA188136

REACTIVITY
Cattle

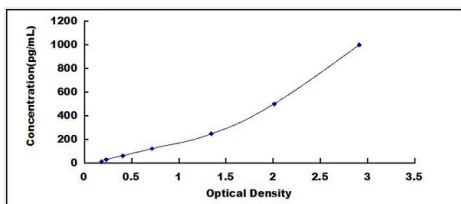
PRODUCT SYNONYMS

Inhibin Beta A (INHbA); Cattle 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	Cattle
Specificity	This assay has high sensitivity and excellent specificity for detection of Inhibin Beta A (INHbA). No significant cross-reactivity or interference between Inhibin Beta A (INHbA) and analogues was observed.
Sequence Length	425
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 5.9pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Inhibin Beta A (INHbA) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Inhibin Beta A (INHbA) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ 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 INHbA elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Inhibin Beta A (INHbA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Inhibin Beta A (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 Inhibin Beta A (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 Inhibin Beta A (INHbA) 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 #	27805949
NCBI GeneID	281867
NCBI Accession #	NP_776788.1
NCBI GenBank Nucleotide #	NP_776788.1
UniProt Accession #	P07995
NCBI Official Full Name	inhibin beta A chain
NCBI Official Synonym Full Names	inhibin subunit beta A
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.

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Online datasheet: <https://stage.aaabiotech.com/cat-cattle-elisa-kits/inhibin-beta-a-inhba/188136>