

Guinea Pig Inhibin Beta C ELISA Kit | INHbetaC elisa kit

Guinea pig Inhibin Beta C ELISA Kit

CATALOG #
AAA86786

REACTIVITY
Guinea Pig

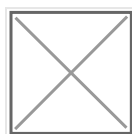
PRODUCT SYNONYMS

Inhibin Beta C; Guinea pig Inhibin Beta C ELISA Kit; INHbetaC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INHbetaC elisa kit

Intended Uses: This INHbetaC ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of INHbetaC in the sample, this INHbetaC ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus INHbetaC concentration. The concentration of INHbetaC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This INHbetaC enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for INHbetaC. Standards or samples are then added to the microtiter plate wells and INHbetaC, if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of INHbetaC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for INHbetaC, is added to each well to "sandwich" the INHbetaC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain INHbetaC and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for INHbetaC elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031795
NCBI GeneID	3626

NCBI Accession #	NP_005529.1
NCBI GenBank Nucleotide #	NM_005538.3
Molecular Weight	38,238 Da
NCBI Official Full Name	inhibin beta C chain preproprotein
NCBI Official Synonym Full Names	inhibin, beta C
NCBI Official Symbol	INHBC
NCBI Official Synonym Symbols	IHBC
NCBI Protein Information	inhibin beta C chain; activin beta-C chain
UniProt Protein Name	Inhibin beta C chain
UniProt Gene Name	INHBC
UniProt Entry Name	INHBC_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/inhbetac-guinea-pig-pig-elisa-kits/inhibin-beta-c/86786>