

Human Inhibin betaA ELISA Kit | INB-betaA elisa kit

Human Inhibin betaA ELISA Kit

CATALOG #
AAA87784

REACTIVITY
Human

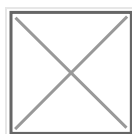
PRODUCT SYNONYMS

Inhibin betaA; Human Inhibin betaA ELISA Kit; Inhibin bA ELISA Kit; Inhibin betaA ELISA Kit; Inhibin betaA ELISA Kit (Human); INB-betaA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INB-betaA elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This LEFTY1 ELISA kit is intended for laboratory 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 LEFTY1 in the sample, this LEFTY1 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 LEFTY1 concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of LEFTY1 utilizes a multiclonal anti-LEFTY1 antibody and an LEFTY1-HRP conjugate. The assay sample and buffer are incubated together with LEFTY1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LEFTY1 concentration since LEFTY1 from samples and LEFTY1-HRP conjugate compete for the anti-LEFTY1 antibody binding site. Since the number of sites is limited, as more sites are occupied by LEFTY1 from the sample, fewer sites are left to bind LEFTY1-HRP conjugate. Standards of known LEFTY1 concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of LEFTY1. The LEFTY1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for INB-betaA elisa kit

[Human ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119614547
NCBI GeneID	3624
UniProt Accession #	P08476; Q14599
Molecular Weight	47,442 Da
NCBI Official Full Name	inhibin, beta A (activin A, activin AB alpha polypeptide), isoform CRA_a
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; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; inhibin, beta A (activin A, activin AB alpha polypeptide)
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/inb-betaa-human-elisa-kits/inhibin-betaa/87784>