

Datasheet for ABIN5510514
INHBA ELISA Kit[Go to Product page](#)

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Overview

Quantity:	96 tests
Target:	INHBA
Binding Specificity:	AA 311-426
Reactivity:	Cow
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Bovine Activin A
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: CHO Immunogen sequence: G311-S426
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Uterus, ovary and liver.

Target Details

Target:	INHBA
Alternative Name:	INHBA (INHBA Products)

Target Details

Background:	<p>Protein Function: Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.</p> <p>Background: Activin A is a homodimer of 14 kDa beta-A. Activin A, a cytokine member of the transforming growth factor-beta superfamily, is expressed locally by the mesenchymal component of the hemopoietic microenvironment. Its expression is regulated on the mRNA level by different cytokines, and the biological activity of the protein is tightly controlled by several inhibitory molecules. Inhibins and activins are members of the transforming growth factor beta superfamily and are known to modulate the growth and differentiation of several cell types. Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins. The standard product used in this kit is recombinant Activin A, which is composed of two single chains of 116 amino acids with the molecular mass of 26KDa.</p> <p>Synonyms: Inhibin, beta A (Activin A, activin AB alpha polypeptide) ,Inhibin, beta A (Activin A, activin AB alpha polypeptide), isoform CRA_a ,cDNA FLJ75379, highly similar to Homo sapiens inhibin, beta A (activin A, activin AB alpha polypeptide), mRNA ,INHBA ,hCG_17267 , tcag7.474 ,</p> <p>Full Gene Name: inhibin, beta A</p> <p>Cellular Localisation: Secreted.</p>
UniProt:	A4D1W7
Pathways:	Hormone Transport , Peptide Hormone Metabolism , Hormone Activity , Negative Regulation of Hormone Secretion , Autophagy

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4 °C for 6 months, at -20 °C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months

Images

