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Datasheet for ABIN5510515 INHBA ELISA Kit

Image



Overview

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

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Pig porcine 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)

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Target Details	
Background:	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 divers
	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 compositio
	Inhibins appear to oppose the functions of activins.
	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. Inhibir
	appear to oppose the functions of activins. The standard product used in this kit is recombina
	Activin A, which is composed of two single chains of 116 amino acids with the molecular mas
	of 26KDa.
	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 sapien
	inhibin, beta A (activin A, activin AB alpha polypeptide), mRNA ,INHBA ,hCG_17267 , tcag7.474
	Full Gene Name: inhibin, beta A
	Cellular Localisation: Secreted.
UniProt:	A4D1W7
Pathways:	Hormone Transport, Peptide Hormone Metabolism, Hormone Activity, Negative Regulation of
	Hormone Secretion, Autophagy

Application Details

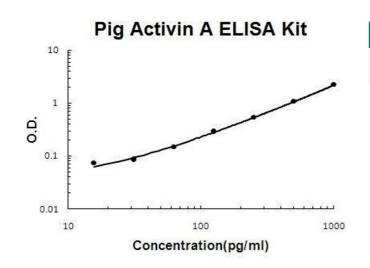
 Plate:
 Pre-coated

 Restrictions:
 For Research Use only

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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



ELISA

Image 1. Pig Activin A PicoKine ELISA Kit standard curve

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