Datasheet for ABIN5510663
FETUB ELISA Kit

1	Image

Overview

Quantity:	96 tests
Target:	FETUB
Binding Specificity:	AA 16-382
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Fetuin B
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO
	Immunogen sequence: C16-P382
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Liver and testis.

Target Details

Target:	FETUB
Alternative Name:	FETUB (FETUB Products)

Target Details

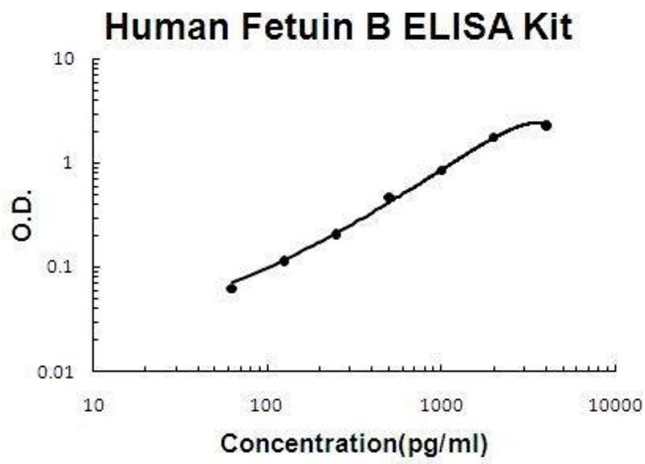|	
Background:	Protein Function: Protease inhibitor required for egg fertilization. Required to prevent premature zona pellucida hardening before fertilization, probably by inhibiting the protease activity of ASTL, a protease that mediates the cleavage of ZP2 and triggers zona pellucida hardening (By similarity). .
	Background: Fetuin-B is a protein that in humans is encoded by the FETUB gene. It is mapped to 3q27, where the FETUA gene is localized. The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells.
	Synonyms: Fetuin-B,16G2,Fetuin-like protein IRL685,Gugu,FETUB,
	Full Gene Name: Fetuin-B
	Cellular Localisation: Secreted.
UniProt:	Q9UGM5

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

Human Fetuin B ELISA Kit

O.D. vs Concentration(pg/ml)

ELISA

Image 1. Human Fetuin B PicoKine ELISA Kit standard curve