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Datasheet for ABIN5510632 FABP2 ELISA Kit

Image



Overview

Quantity:	96 tests
Target:	FABP2
Binding Specificity:	AA 2-132
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human FABP2/I-FABP
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli Immunogen sequence: A2-D132
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum

Target Details

Target:

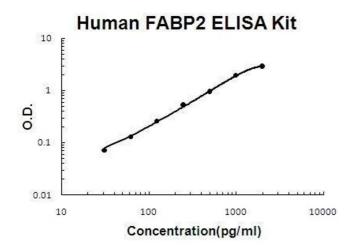
FABP2

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Target Details	
Alternative Name:	FABP2 (FABP2 Products)
Background:	Protein Function: FABP are thought to play a role in the intracellular transport of long-chain fatty
	acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein
	synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower
	affinity to unsaturated long- chain fatty acids. FABP2 may also help maintain energy
	homeostasis by functioning as a lipid sensor.
	Background: Fatty acid-binding protein 2 (FABP2), also known as Intestinal-type fatty acid-
	binding protein (I-FABP) is a protein that in humans is encoded by the FABP2 gene. The
	intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty
	identified members. FABPs are divided into at least three distinct types, namely the hepatic-,
	intestinal- and cardiac-type. Using a human cDNA probe for in situ hybridization studies, they
	regionalized the assignment to 4q28-q31. The intestinal form of FABP was mapped to mouse
	chromosome 3 between the amylase and alcohol dehydrogenase-3 loci. Also, they may be
	responsible in the modulation of cell growth and proliferation.
	Synonyms: Fatty acid-binding protein, intestinal,Fatty acid-binding protein 2,Intestinal-type fatty
	acid-binding protein,I-FABP,FABP2,FABPI,
	Full Gene Name: Fatty acid-binding protein, intestinal
	Cellular Localisation: Cytoplasm.
UniProt:	P12104

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



ELISA

Image 1. Human FABP2/I-FABP PicoKine ELISA Kit standard curve

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