Datasheet for ABIN5692216

FABP2 ELISA Kit

Go to Product page

Overview

Quantity:	96 tests
Target:	FABP2
Binding Specificity:	AA 2-132
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of mouse FABP2. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli, Immunogen sequence: A2-E132
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

Product Details

	biotinylated antibody (dilution 1:100)
	Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)
	Sample diluent buffer
	Antibody diluent buffer
	ABC diluent buffer
	TMB color developing agent
	TMB stop solution
	Adhesive cover

Target Details

Target:	FABP2
Alternative Name:	Fabp2 (FABP2 Products)
Background:	Synonyms: Fatty acid-binding protein, intestinal, Fatty acid-binding protein 2, Intestinal-type fatty acid-binding protein, I-FABP, Fabp2, Fabpi Tissue Specificity: Expressed in the small intestine. Highest expression levels in the proximal ileum. 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. Cellular Localisation: Cytoplasm.
UniProt:	P55050

Application Details

Assay Time:	0.5 h
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

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