

ARG81390 Human FABP4 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81390 Human FABP4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of FABP4 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross-Reactivity for the following species: Monkey: 25% Rat, Swine: 20% Mouse: 10% Bovine, Dog and Rabbit: None No significant cross-reactivity observed with FABP1, FABP2, FABP3, FABP5, FABP6, FABP7, FABP8 and COT2.
Target Name	FABP4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.27 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.488 - 125 ng/ml
Sample Volume	50 µl
Alternate Names	Adipocyte lipid-binding protein; Fatty acid-binding protein, adipocyte; aP2; HEL-S-104; AFABP; A-FABP; ALBP; Adipocyte-type fatty acid-binding protein; Fatty acid-binding protein 4

Application Instructions

Assay Time ~ 5 hours

Properties

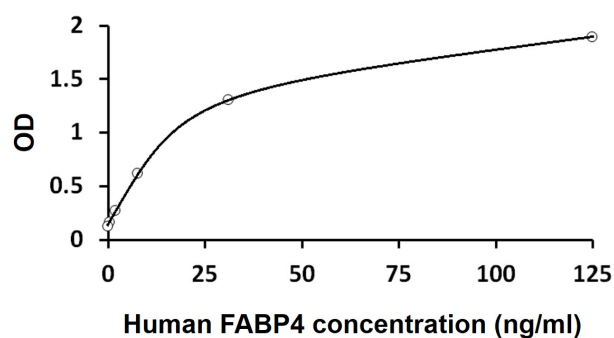
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FABP4
Gene Full Name	fatty acid binding protein 4, adipocyte

Background	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]
Function	Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus (By similarity). [UniProt]
Highlight	Related products: FABP4 antibodies ; FABP4 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81390 Human FABP4 ELISA Kit standard curve image

ARG81390 Human FABP4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.