

ARG81389 Human FABP5 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81389 Human FABP5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FABP5 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross-Reactivity: Not react with FABP1, FABP2, FABP3, FABP4, FABP6, FABP7, FABP8, and FABP9.
Target Name	FABP5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.6 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.75 - 24 ng/ml
Sample Volume	50 µl
Alternate Names	PA-FABP; Epidermal-type fatty acid-binding protein; KFABP; EFABP; E-FABP; Psoriasis-associated fatty acid-binding protein homolog; Fatty acid-binding protein, epidermal; Fatty acid-binding protein 5; PAFABP

Application Instructions

Assay Time	~ 5 hours
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Properties

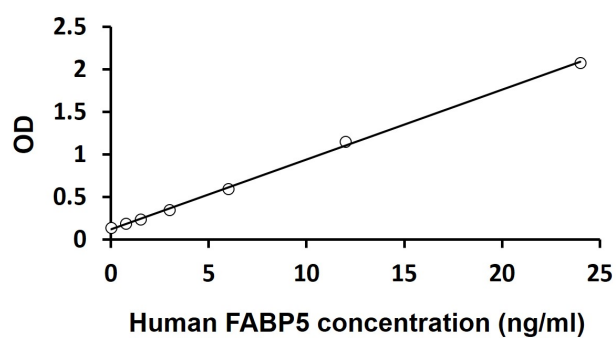
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	FABP5
Gene Full Name	fatty acid binding protein 5 (psoriasis-associated)
Background	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]

Function	High specificity for fatty acids. Highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity. May be involved in keratinocyte differentiation. [UniProt]
Highlight	<p>Related products:</p> <p>FABP5 antibodies; FABP5 ELISA Kits;</p> <p>New ELISA data calculation tool:</p> <p>Simplify the ELISA analysis by GainData</p>

Images



ARG81389 Human FABP5 ELISA Kit standard curve image

ARG81389 Human FABP5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.