

Active Human Fatty Acid Binding Protein 1 (Liver) Reference Standard

Cat. No. FABP1-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel β strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acid. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm; it may be involved in intracellular lipid transport and metabolism.
Form	Liquid
Bio-activity	The level of L-FABP in the serum was quantified using ELISA.
Usage	For research use only, not for diagnostic or therapeutic use.
Quality Control Test	Generated from a human serum pool. This lot has been tested by standard laboratory procedures and found to be negative for HIV 1, HIV 2, Hepatitis B and Hepatitis C.
Storage	Stored at -20 °C, 4 °C for less than seven days, frozen for greater than seven days.
Concentration	32.97 ng/ml

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Preservative 0.1% sodium azide

GENE INFORMATION

Gene Name [FABP1 fatty acid binding protein 1, liver \[Homo sapiens \]](#)

Official Symbol FABP1

Synonyms FABP1; fatty acid binding protein 1, liver; fatty acid-binding protein, liver; L FABP; fatty acid-binding protein 1; liver-type fatty acid-binding protein; FABPL; L-FABP;

Gene ID [2168](#)

mRNA Refseq [NM_001443](#)

Protein Refseq [NP_001434](#)

MIM [134650](#)

UniProt ID [P07148](#)

Chromosome Location 2p11

Pathway Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;

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Function

bile acid binding; chromatin binding; drug binding; fatty acid binding; long-chain fatty acid transporter activity; phospholipid binding; transporter activity;

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