

Human fatty acid binding protein 1, liver ELISA Kit | FABP1 elisa kit

Human Liver Type Fatty Acid Binding Protein, L-FABP ELISA Kit

CATALOG #
AAA80418

REACTIVITY
Human

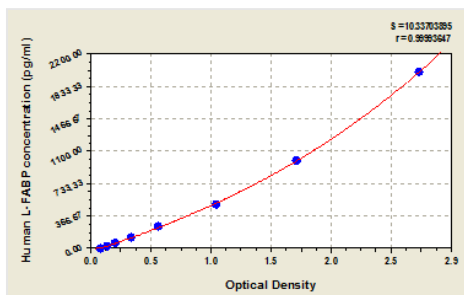
PRODUCT SYNONYMS

fatty acid binding protein 1; liver; Human Liver Type Fatty Acid Binding Protein; L-FABP ELISA Kit; Human Liver Type Fatty Acid Binding Protein (L-FABP) ELISA KIT; FABPL; L-FABP; Fatty acid-binding protein; FABP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of rat LEP. No significant cross-reactivity or interference between rat LEP and analogues was observed.
Sequence Length	127
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.068 ng/ml-50 ng/ml
Sensitivity	0.068 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LEP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LEP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LEP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LEP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557577
NCBI GeneID	2168
NCBI Accession #	NP_001434.1
NCBI GenBank Nucleotide #	NM_001443.2
UniProt Accession #	P07148
Molecular Weight	14,208 Da
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1, liver
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver; fatty acid-binding protein 1; liver-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fabp1-human-elisa-kits/fatty-acid-binding-protein-1-liver/80418>