

Human Liver Fatty acid Binding Protein ELISA Kit | L.FABP elisa kit

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CATALOG #
AAA90992

REACTIVITY
Human

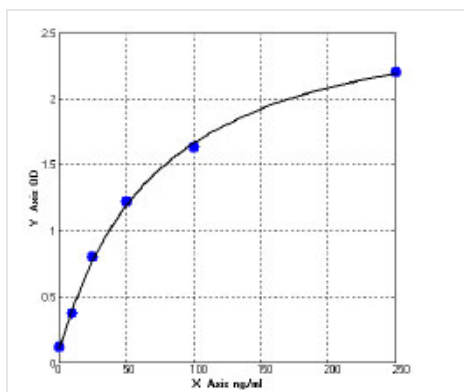
PRODUCT SYNONYMS

Liver Fatty acid Binding Protein; Human Liver Fatty acid Binding Protein ELISA Kit; L.FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of L-FABP. No significant cross-reactivity or interference between L-FABP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between L-FABP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L.FABP elisa kit	Intended Uses: This L-FABP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human L-FABP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: L-FABP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for L-FABP. Standards or samples are then added to the microtiter plate wells and L-FABP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of L-FABP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for L-FABP are added to each well to "sandwich" the L-FABP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain L-FABP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The L-FABP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for L.FABP elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	204086
NCBI GeneID	24360
Molecular Weight	14,273 Da
NCBI Official Full Name	liver fatty acid binding protein
NCBI Official Synonym Full Names	fatty acid binding protein 1, liver
NCBI Official Symbol	Fabp1
NCBI Official Synonym Symbols	SCP; p14; SCP.; Fabplg; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver; Z-protein; squalene- and sterol-carrier protein; liver-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	Fabp1
UniProt Synonym Gene Names	L-FABP; SCP
UniProt Entry Name	FABPL_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/l-fabp-human-elisa-kits/liver-fatty-acid-binding-protein/90992>