

Mouse Fatty Acid Binding Protein 4, Adipocyte ELISA Kit | FABP4 elisa kit

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CATALOG #
AAA82074

REACTIVITY
Mouse

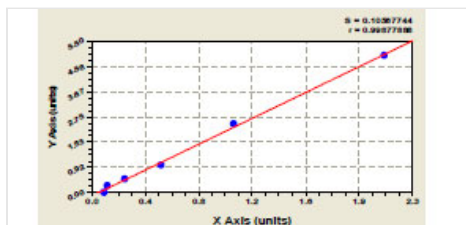
PRODUCT SYNONYMS

Fatty Acid Binding Protein 4; Adipocyte; Mouse Fatty Acid Binding Protein 4; Adipocyte ELISA Kit; FABP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FABP4 elisa kit

Intended Uses: This FABP4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FABP4. This ELISA kit for research use only!

Principle of the Assay: FABP4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FABP4. Standards or samples are then added to the microtiter plate wells and FABP4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FABP4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FABP4 are added to each well to "sandwich" the FABP4 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 FABP4 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 FABP4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

119607498

NCBI GeneID	2167
Molecular Weight	14,719 Da
NCBI Official Full Name	fatty acid binding protein 4, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4, adipocyte
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	aP2; ALBP; AFABP; A-FABP; HEL-S-104
NCBI Protein Information	fatty acid-binding protein, adipocyte; fatty acid-binding protein 4; adipocyte lipid-binding protein; epididymis secretory protein Li 104; adipocyte-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, adipocyte
UniProt Gene Name	FABP4
UniProt Synonym Gene Names	ALBP; A-FABP; AFABP
UniProt Entry Name	FABP4_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/fabp4-mouse-elisa-kits/fatty-acid-binding-protein-4-adipocyte/82074>