

Mouse fatty acid binding protein 4, adipocyte ELISA Kit | FABP4 elisa kit

Mouse Fatty acid-binding protein, adipocyte, FABP4 ELISA Kit

CATALOG # AAA112696	REACTIVITY Mouse
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PRODUCT SYNONYMS

fatty acid binding protein 4; adipocyte; Mouse Fatty acid-binding protein; FABP4 ELISA Kit; adipocyte (FABP4) ELISA kit; A-FABP; aP2; ; FABP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse FABP4. No significant cross-reactivity or interference between mouse FABP4 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml
Sensitivity	7.81 pg/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.

ADDITIONAL INFORMATION

Related Product Information for FABP4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FABP4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FABP4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FABP4 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 FABP4 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 #	14149635
NCBI GeneID	11770
NCBI Accession #	NP_077717.1
NCBI GenBank Nucleotide #	NM_024406.2
UniProt Accession #	P04117
Molecular Weight	14,650 Da

NCBI Official Full Name	fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4, adipocyte
NCBI Official Symbol	Fabp4
NCBI Official Synonym Symbols	Ap2; Lbpl; 422/aP2; ALBP/Ap2
NCBI Protein Information	fatty acid-binding protein, adipocyte; P15; ALBP; AFABP; A-FABP; protein 422; P2 adipocyte protein; adipocyte protein aP2; myelin P2 protein homolog; 3T3-L1 lipid-binding protein; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, adipocyte
UniProt Gene Name	Fabp4
UniProt Synonym Gene Names	Ap2; ALBP; A-FABP; AFABP
UniProt Entry Name	FABP4_MOUSE

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://www.aaabiotech.com/fabp4-mouse-elisa-kits/fatty-acid-binding-protein-4-adipocyte/112696>