

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

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CATALOG #
AAA278421

REACTIVITY
Mouse

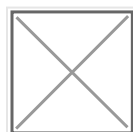
PRODUCT SYNONYMS

FABP4 (Fatty Acid Binding Protein 4; Adipocyte); Mouse FABP4 (Fatty Acid Binding Protein 4; Adipocyte) ELISA Kit; A-FABP; AFABP; AP2; Adipocyte Protein 2; Adipocyte-type fatty acid-binding protein; FABP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.18ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP4 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse FABP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FABP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse FABP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse FABP4 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for FABP4 elisa kit	Metabolic pathway ; Endocrinology ; Cardiovascular biology ; Hepatology

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
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://stage.aaabiotech.com/mouse-elisa-kits/fabp4-fatty-acid-binding-protein-4-adipocyte/278421>