

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

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CATALOG #
AAA41175

REACTIVITY
Mouse

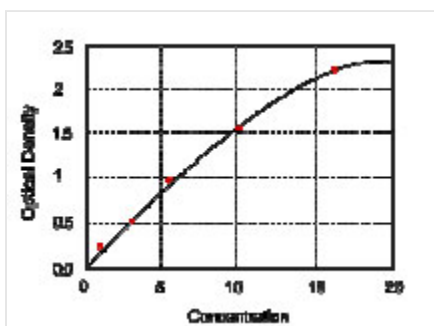
PRODUCT SYNONYMS

fatty acid binding protein; FABP4; Mouse fatty acid binding protein; FABP4 ELISA Kit; FABP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	132
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	9.59ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse fatty acid binding protein (also known as FABP4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse FABP4 antibody. FABP4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse FABP4 Antibody is added and binds to FABP4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FABP4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse FABP4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2645203
NCBI GeneID	2173
Molecular Weight	18,829 Da
NCBI Official Full Name	fatty acid binding protein
NCBI Official Synonym Full Names	fatty acid binding protein 7
NCBI Official Symbol	FABP7
NCBI Official Synonym Symbols	MRG; BLBP; FABPB; B-FABP
NCBI Protein Information	fatty acid-binding protein, brain
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	BLBP; FABPB; MRG; BLBP; B-FABP

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/fatty-acid-binding-protein-fabp4/41175>