

Mouse intestinal fatty acid binding protein, iFABP ELISA Kit | iFABP elisa kit

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CATALOG #
AAA15377

REACTIVITY
Mouse

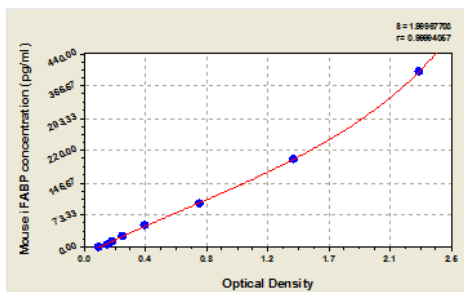
PRODUCT SYNONYMS

intestinal fatty acid binding protein; iFABP; Mouse intestinal fatty acid binding protein; iFABP ELISA Kit; FABPI; I-FABP; MGC133132; intestinal fatty acid binding protein 2; FABP2; iFABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse iFABP. No significant cross-reactivity or interference between mouse iFABP and analogues was observed.
Sequence Length	132
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for iFABP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for iFABP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any iFABP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for iFABP 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 iFABP 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 #	70778942
NCBI GeneID	515768
NCBI Accession #	NP_001020503.1
NCBI GenBank Nucleotide #	NM_001025332.1
UniProt Accession #	Q56JX9
Molecular Weight	15,036 Da
NCBI Official Full Name	fatty acid-binding protein, intestinal
NCBI Official Symbol	FABP2
NCBI Protein Information	fatty acid-binding protein, intestinal; FABPI; I-FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, intestinal
UniProt Gene Name	FABP2
UniProt Synonym Gene Names	FABPI; I-FABP
UniProt Entry Name	FABPI_BOVIN

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/intestinal-fatty-acid-binding-protein-ifabp/15377>