

Rat fatty acid binding protein 2, intestinal ELISA Kit | FABP2 elisa kit

Rat intestinal fatty acid binding protein, iFABP ELISA Kit

CATALOG #
AAA80939

REACTIVITY
Rat

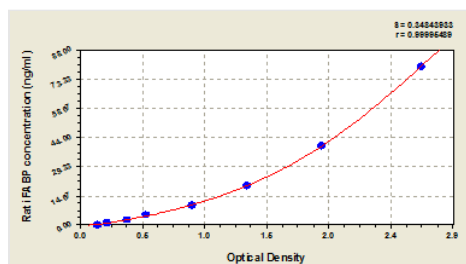
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat FABP2. No significant cross-reactivity or interference between Rat FABP2 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, urine, tissue homogenates
Detection Range	1.25 ng/ml -80 ng/ml
Sensitivity	0.31 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transport
Protein Biological Process 3	Transport
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 FABP2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to iFABP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for iFABP and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain iFABP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of iFABP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978827
NCBI GeneID	25598
NCBI Accession #	NP_037200.1
NCBI GenBank Nucleotide #	NM_013068.1
UniProt Accession #	P02693
Molecular Weight	15,124 Da
NCBI Official Full Name	fatty acid-binding protein, intestinal
NCBI Official Synonym Full Names	fatty acid binding protein 2, intestinal
NCBI Official Symbol	Fabp2
NCBI Official Synonym Symbols	FABP
NCBI Protein Information	fatty acid-binding protein, intestinal; FABPI; I-FABP; fatty acid binding protein 1; fatty acid-binding protein 2; intestinal fatty acid binding protein; 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_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/fabp2-rat-elisa-kits/fatty-acid-binding-protein-2-intestinal/80939>