

Rat Fatty Acid Binding Protein 6, Ileal (FABP6) ELISA Kit | FABP6 elisa kit

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CATALOG #
AAA183277

REACTIVITY
Rat

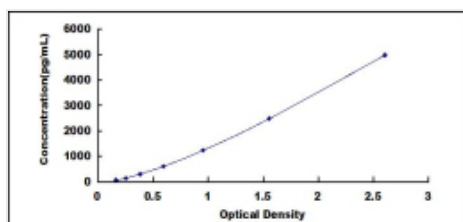
PRODUCT SYNONYMS

Fatty Acid Binding Protein 6; Ileal (FABP6); Rat Fatty Acid Binding Protein 6; Ileal (FABP6) ELISA Kit; GT; iBAP; I-BABP; I-BALB; I-BAP; ILBP; ILBP3; ILLBP; I-15P; Gastrotropin; Ileal Lipid-Binding Protein; Ileal Bile Acid Binding Protein; Intestinal 15 kDa protein; FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Fatty Acid Binding Protein 6, Ileal (FABP6). No significant cross-reactivity or interference between Fatty Acid Binding Protein 6, Ileal (FABP6) and analogues was observed.
Sequence Length	248
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	78.12-5000pg/mL
Sensitivity	< 27pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fatty Acid Binding Protein 6, Ileal (FABP6) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fatty Acid Binding Protein 6, Ileal (FABP6) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP6 elisa kit	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 Fatty Acid Binding Protein 6, Ileal (FABP6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fatty Acid Binding Protein 6, Ileal (FABP6). 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 Fatty Acid Binding Protein 6, Ileal (FABP6), 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 Fatty Acid Binding Protein 6, Ileal (FABP6) 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 #	119581970
NCBI GeneID	2172
Molecular Weight	19,874 Da
NCBI Official Full Name	fatty acid binding protein 6, ileal (gastrotropin), isoform CRA_d, partial
NCBI Official Synonym Full Names	fatty acid binding protein 6
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
NCBI Protein Information	gastrotropin
UniProt Protein Name	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; I-15P; I-BABP

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/rat-elisa-kits/fatty-acid-binding-protein-6-ileal-fabp6/183277>