

Mouse FABP6 ELISA Kit | FABP6 elisa kit

Mouse FABP6 (Fatty Acid Binding Protein 6, Ileal) ELISA Kit

CATALOG #
AAA164064

REACTIVITY
Mouse

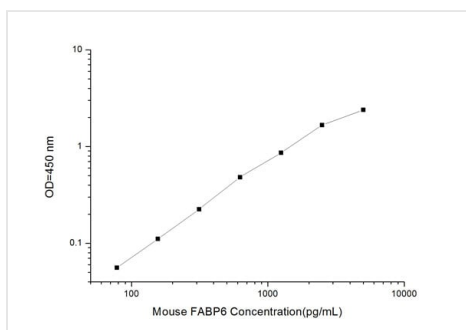
PRODUCT SYNONYMS

FABP6; Mouse FABP6 (Fatty Acid Binding Protein 6; Ileal) ELISA Kit; FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse FABP6 in samples. No significant cross-reactivity or interference between Mouse FABP6 and analogues was observed.
Sequence Length	19
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse FABP6 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse FABP6 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP6 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse FABP6 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse FABP6. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse FABP6 and Avidin- Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse FABP6, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse FABP6. You can calculate the concentration of Mouse FABP6 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6691917
NCBI GeneID	2172
UniProt Accession #	P51161; Q07DR7; Q8TBI3; Q9UGI7
Molecular Weight	19,874 Da
NCBI Official Full Name	FABP6, partial
NCBI Official Synonym Full Names	fatty acid binding protein 6, ileal
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
NCBI Protein Information	gastrotropin; GT; ileal bile acid binding protein; ileal lipid-binding protein; illeal lipid-binding protein; intestinal 15 kDa protein
UniProt Protein Name	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; I-15P; I-BABP
UniProt Entry Name	FABP6_HUMAN

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://stage.aaabiotech.com/mouse-elisa-kits/fabp6/164064>