

Human fatty acid binding protein 6, ileal ELISA Kit | FABP6 elisa kit

Human Gastrotropin, FABP6 ELISA Kit

CATALOG #
AAA112842

REACTIVITY
Human

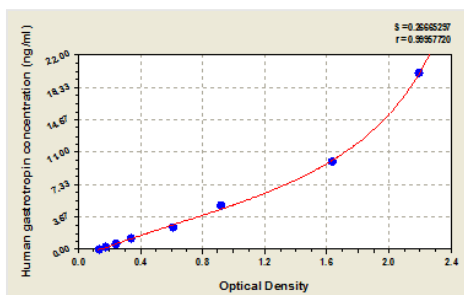
PRODUCT SYNONYMS

fatty acid binding protein 6; ileal; Human Gastrotropin; FABP6 ELISA Kit; Human Gastrotropin (FABP6) ELISA kit; I-15P; I-BABP; I-BALB; I-BAP; ILBP; ILBP3; ILLBP; gastrotropin; ileal bile acid binding protein; illeal lipid-binding protein; FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FABP6. No significant cross-reactivity or interference between Human FABP6 and analogues was observed.
Sequence Length	128
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 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 FABP6 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for gastrotropin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any gastrotropin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for gastrotropin 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 gastrotropin 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 #	94721243
NCBI GeneID	2172
NCBI Accession #	NP_001035532.1
NCBI GenBank Nucleotide #	NM_001040442.1
UniProt Accession #	P51161; Q07DR7; Q8TBI3; Q9UGI7
Molecular Weight	14,371 Da
NCBI Official Full Name	gastrotropin isoform 1
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; intestinal 15 kDa protein; ileal lipid-binding protein; illeal lipid-binding protein; ileal bile acid binding 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.

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Online datasheet: <https://www.aaabiotech.com/fabp6-human-elisa-kits/fatty-acid-binding-protein-6-ileal/112842>