

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

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CATALOG #
AAA41448

REACTIVITY
Human

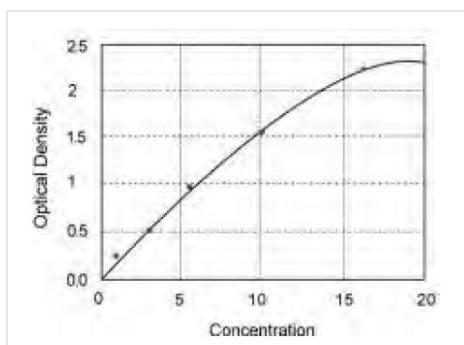
PRODUCT SYNONYMS

intestinal fatty acid binding protein; iFABP; Human intestinal fatty acid binding protein; iFABP ELISA Kit; iFABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	132
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	0.5-150ng/ml
Sensitivity	0.29ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for iFABP elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human iFABP antibody. iFABP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human iFABP Antibody is added and binds to iFABP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated iFABP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human iFABP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human intestinal fatty acid binding protein (also known as iFABP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6007485
NCBI GeneID	30708
Molecular Weight	15,060 Da
NCBI Official Full Name	intestinal fatty acid binding protein
NCBI Official Synonym Full Names	fatty acid binding protein 2, intestinal
NCBI Official Symbol	fabp2
NCBI Official Synonym Symbols	ifabp; I-FABP; zgc:92264
NCBI Protein Information	fatty acid-binding protein, intestinal
UniProt Protein Name	Fabp2 protein
UniProt Gene Name	fabp2
UniProt Synonym Gene Names	I-FABP (FABPI)ImportedAutomatic assertion inferred from database entriesEMBL:CAB64945.1; IFABPIImportedAutomatic assertion inferred from database entriesEMBL:AAF00925.1

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.