

Human IFABP/FABP2 ELISA Kit | IFABP elisa kit

Human IFABP/FABP2 (Intestinal Fatty Acid Binding Protein) ELISA Kit

CATALOG #
AAA21669

REACTIVITY
Human

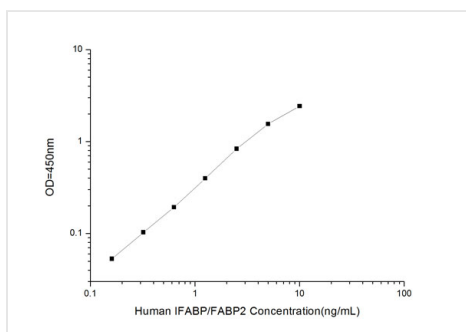
PRODUCT SYNONYMS

IFABP/FABP2; Human IFABP/FABP2 (Intestinal Fatty Acid Binding Protein) ELISA Kit; IFABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IFABP/FABP2 in samples. No significant cross-reactivity or interference between Human IFABP/FABP2 and analogues was observed.
Sequence Length	132
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IFABP/FABP2 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 Human IFABP/FABP2 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 IFABP elisa kit	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 Human IFABP/FABP2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IFABP/FABP2 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 Human IFABP/FABP2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate 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 Human IFABP/FABP2. You can calculate the concentration of Human IFABP/FABP2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human IFABP/FABP2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27464844
NCBI GeneID	30708
Molecular Weight	15,090 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; I-FABP (FABPI); intestinal fatty acid binding pr; intestinal fatty acid binding protein 2
UniProt Protein Name	Intestinal fatty acid-binding protein
UniProt Gene Name	fabp2
UniProt Entry Name	Q8AX65_DANRE

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.