

Rat IFABP/FABP2 ELISA Kit | IFABP/FABP2 elisa kit

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

CATALOG #
AAA164232

REACTIVITY
Rat

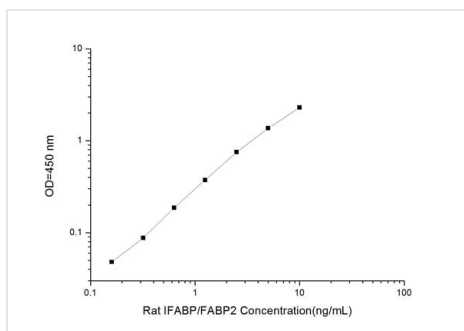
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat IFABP/FABP2. No significant cross-reactivity or interference between Rat IFABP/FABP2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat IFABP/FABP2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	132
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFABP/FABP2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFABP/FABP2 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat IFABP/FABP2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat IFABP/FABP2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat IFABP/FABP2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Rat IFABP/FABP2. You can calculate the concentration of Rat IFABP/FABP2 in the samples by comparing the OD of the samples to the standard curve.
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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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/ifabp-fabp2/164232>