

Human FABP7 ELISA Kit | FABP7 elisa kit

Human FABP7 (Fatty Acid Binding Protein 7, Brain) ELISA Kit

CATALOG #
AAA164937

REACTIVITY
Human

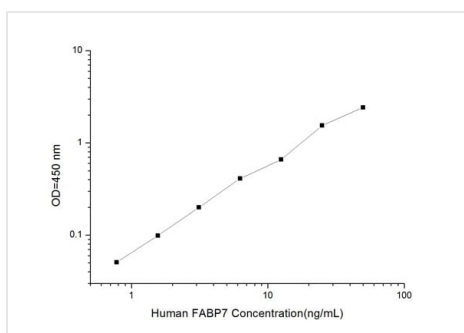
PRODUCT SYNONYMS

FABP7; Human FABP7 (Fatty Acid Binding Protein 7; Brain) ELISA Kit; FABP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FABP7. No significant cross-reactivity or interference between Human FABP7 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human FABP7 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	132
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP7 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FABP7 in human 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 Human FABP7. 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 Human FABP7 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 Human FABP7, 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 Human FABP7. You can calculate the concentration of Human FABP7 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557585
NCBI GeneID	2173
NCBI Accession #	NP_001437.1
NCBI GenBank Nucleotide #	NM_001446.3
UniProt Accession #	O15540; O14951; Q6IAU7; Q9H047; B2R4L1
Molecular Weight	18,829 Da
NCBI Official Full Name	fatty acid-binding protein, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7, brain
NCBI Official Symbol	FABP7
NCBI Official Synonym Symbols	MRG; BLBP; FABPB; B-FABP; LTR2-FABP7
NCBI Protein Information	fatty acid-binding protein, brain; Hypothetical protein DKFZp547J2313; brain lipid binding protein; brain lipid-binding protein; brain-type fatty acid-binding protein; fatty acid-binding protein 7; mammary-derived growth inhibitor related; mammary-derived growth inhibitor-related
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	BLBP; FABPB; MRG; BLBP; B-FABP
UniProt Entry Name	FABP7_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.