

Human Fatty Acid Binding Protein 7, Brain ELISA Kit | FABP7 elisa kit

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CATALOG #
AAA99504

REACTIVITY
Human

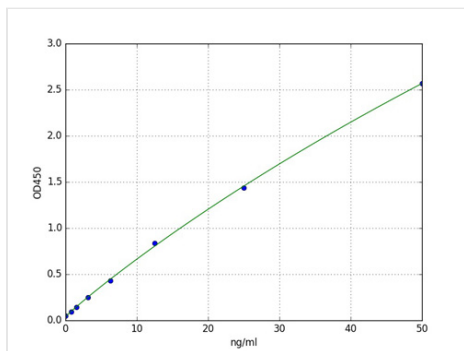
PRODUCT SYNONYMS

Fatty Acid Binding Protein 7; Brain; Human Fatty Acid Binding Protein 7; Brain ELISA Kit; FABP7/B-FABP/BLBP/B-FABPDKFZp547J2313/BLBPMRG/Brain lipid-binding protein/Brain-type fatty acid-binding protein/FABPBbrain lipid binding protein/Fatty acid-binding protein 7/fatty acid-binding protein; brain/Mammary-derived growth inhibitor related/mammary-derived growth inhibitor-related; FABP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	132
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human FABP7 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.056	0.092	0.135	0.244	0.441	0.802	1.335	2.583

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP7 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FABP7 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FABP7 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human FABP7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FABP7 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904551
NCBI GeneID	496060
NCBI Accession #	NP_001088795.1
NCBI GenBank Nucleotide #	NM_001095326.1
NCBI Official Full Name	fatty acid binding protein 7, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7, brain
NCBI Official Symbol	fabp7
NCBI Official Synonym Symbols	BLBP
NCBI Protein Information	fatty acid binding protein 7, brain

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/fabp7-human-elisa-kits/fatty-acid-binding-protein-7-brain/99504>