

Human Fatty acid-binding protein, epidermal ELISA Kit | FABP5 elisa kit

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CATALOG #
AAA99337

REACTIVITY
Human

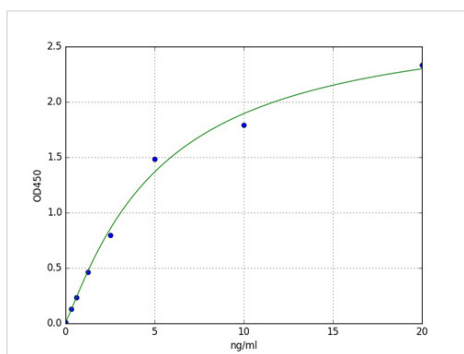
PRODUCT SYNONYMS

Fatty acid-binding protein; epidermal; Human Fatty acid-binding protein; epidermal ELISA Kit; FABP5 (Fatty Acid Binding Protein 5; Epidermal)/E-FABP/EFABP/fatty acid binding protein 5 (psoriasis-associated)/Fatty acid-binding protein 5/PA-FABPepidermal/Psoriasis-associated fatty acid-binding protein homolog; FABP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	135
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 FABP5 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.047	0.085	0.137	0.265	0.524	1.045	1.740	2.550

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FABP5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FABP5 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. HRPStreptavidin 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 FABP5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FABP5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557581
NCBI GeneID	2171
NCBI Accession #	NP_001435.1
NCBI GenBank Nucleotide #	NM_001444.2
Molecular Weight	15,164 Da
NCBI Official Full Name	fatty acid-binding protein, epidermal
NCBI Official Synonym Full Names	fatty acid binding protein 5
NCBI Official Symbol	FABP5
NCBI Official Synonym Symbols	EFABP; KFABP; E-FABP; PAFABP; PA-FABP
NCBI Protein Information	fatty acid-binding protein, epidermal
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	FABP5
UniProt Synonym Gene Names	E-FABP; PA-FABP
UniProt Entry Name	FABP5_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.

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Online datasheet: <https://stage.aaabiotech.com/fabp5-human-elisa-kits/fatty-acid-binding-protein-epidermal/99337>