

Human fatty acid binding protein 5 (psoriasis-associated) ELISA Kit | FABP5 elisa kit

Human Fatty acid-binding protein, epidermal, FABP5 ELISA Kit

CATALOG #
AAA112484

REACTIVITY
Human

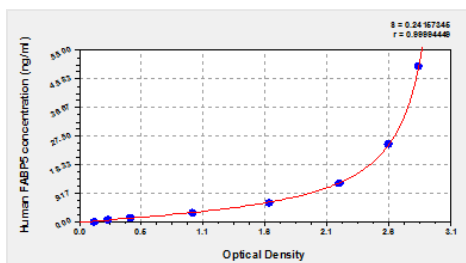
PRODUCT SYNONYMS

fatty acid binding protein 5 (psoriasis-associated); Human Fatty acid-binding protein; epidermal; FABP5 ELISA Kit; epidermal (FABP5) ELISA kit; E-FABP; EFABP; PA-FABP; PAFABP; ; FABP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FABP5. No significant cross-reactivity or interference between Human FABP5 and analogues was observed.
Sequence Length	135
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FABP5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FABP5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FABP5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FABP5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27805805
NCBI GeneID	281760
NCBI Accession #	NP_776740.1
NCBI GenBank Nucleotide #	NM_174315.3
UniProt Accession #	P55052; O62808; Q5E9D9
Molecular Weight	15,074 Da
NCBI Official Full Name	fatty acid-binding protein, epidermal
NCBI Official Synonym Full Names	fatty acid binding protein 5 (psoriasis-associated)
NCBI Official Symbol	FABP5
NCBI Protein Information	fatty acid-binding protein, epidermal; E-FABP; fatty acid-binding protein 5; epidermal fatty acid-binding protein; epidermal-type fatty acid-binding protein; differentiation-associated lipid-binding protein LP2
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	FABP5
UniProt Synonym Gene Names	E-FABP
UniProt Entry Name	FABP5_BOVIN

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-5-psoriasis-associated/112484>