

Human Fatty Acid Binding Protein 5, Epidermal (FABP5) RTU ELISA Kit | FABP5 rtu elisa kit

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CATALOG #
AAA70523

REACTIVITY
Human

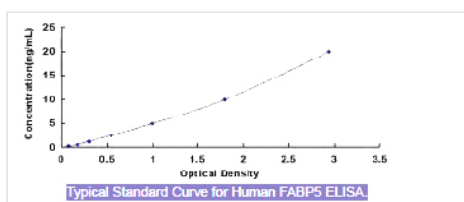
PRODUCT SYNONYMS

Fatty Acid Binding Protein 5; Epidermal (FABP5); Human Fatty Acid Binding Protein 5; Epidermal (FABP5) ELISA Kit; E-FABP; EFABP; PA-FABP; PAFABP; Psoriasis-Associated; Epidermal-type fatty acid-binding protein; Psoriasis-associated fatty acid-binding protein homolog; FABP5 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP5. No significant cross-reactivity or interference between FABP5 and analogues was observed.
Sequence Length	135
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.115ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FABP5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FABP5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP5 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FABP5 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FABP5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FABP5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FABP5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FABP5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557581
NCBI GeneID	2171
NCBI Accession #	NP_001435.1
NCBI GenBank Nucleotide #	NM_001444.2
UniProt Accession #	Q01469; B2R4K0
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

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/human-rtu-elisa-kits/fatty-acid-binding-protein-5-epidermal-fabp5/70523>