

Human Fatty Acid Binding Protein 5 (FABP5) CLIA Kit | FABP5 clia kit

Human Fatty Acid Binding Protein 5 (FABP5) CLIA Kit

CATALOG # AAA189060	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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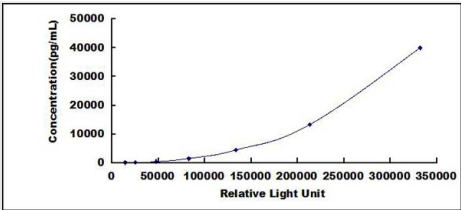
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fatty Acid Binding Protein 5 (FABP5). No significant cross-reactivity or interference between Fatty Acid Binding Protein 5 (FABP5) and analogues was observed.
Sequence Length	135
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	54.9-40,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 19.3pg/mL
Applicable Applications for FABP5 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fatty Acid Binding Protein 5 (FABP5) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fatty Acid Binding Protein 5 (FABP5) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Fatty Acid Binding Protein 5 (FABP5). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Fatty Acid Binding Protein 5 (FABP5). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fatty Acid Binding Protein 5 (FABP5) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	232081
NCBI GeneID	2171
UniProt Accession #	Q01469
NCBI Official Full Name	Fatty acid-binding protein 5
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 5
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/human-clia-kits/fatty-acid-binding-protein-5-fabp5/189060>