

Mouse Fatty Acid Binding Protein 2, Intestinal (FABP2) CLIA Kit | FABP2 clia kit

Mouse Fatty Acid Binding Protein 2, Intestinal (FABP2)(CLIA) CLIA Kit

CATALOG # AAA189490	REACTIVITY Mouse	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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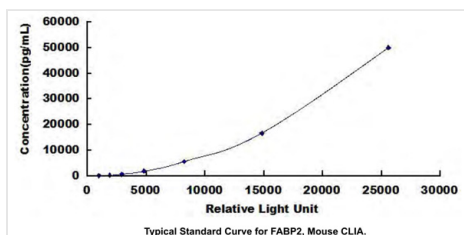
PRODUCT SYNONYMS

Fatty Acid Binding Protein 2; Intestinal (FABP2); Mouse Fatty Acid Binding Protein 2; Intestinal (FABP2)(CLIA) CLIA Kit; CLIA Kit for Fatty Acid Binding Protein 2; FABP2/Fatty Acid Binding Protein 2; Intestinal; FABP1; IFABP; I-FABP; Intestinal-type fatty acid-binding protein; FABP2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP2. No significant cross-reactivity or interference between FABP2 and analogues was observed.
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	68.6-50,000pg/mL
Sensitivity	< 25.3pg/mL
Applicable Applications for FABP2 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FABP2 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 FABP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). 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)

ADDITIONAL INFORMATION

Related Product Information for FABP2 clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FABP2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FABP2. 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 FABP2 level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of FABP2 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for FABP2 clia kit	Human gene deletion

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679737
NCBI GeneID	14079
NCBI Accession #	NP_032006.1
NCBI GenBank Nucleotide #	NM_007980.3
UniProt Accession #	P55050
Molecular Weight	15,126 Da
NCBI Official Full Name	fatty acid-binding protein, intestinal
NCBI Official Synonym Full Names	fatty acid binding protein 2, intestinal
NCBI Official Symbol	Fabp2
NCBI Official Synonym Symbols	Fabpi; I-FABP
NCBI Protein Information	fatty acid-binding protein, intestinal
UniProt Protein Name	Fatty acid-binding protein, intestinal
UniProt Gene Name	Fabp2
UniProt Synonym Gene Names	Fabpi; I-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/mouse-clia-kits/fatty-acid-binding-protein-2-intestinal-fabp2/189490>