

Mouse Fatty Acid Binding Protein 9, Testis (FABP9) ELISA Kit | FABP9 elisa kit

Mouse Fatty Acid Binding Protein 9, Testis (FABP9)(Sandwich ELISA) ELISA Kit

CATALOG # AAA189474	REACTIVITY Mouse	APPLICATIONS ELISA
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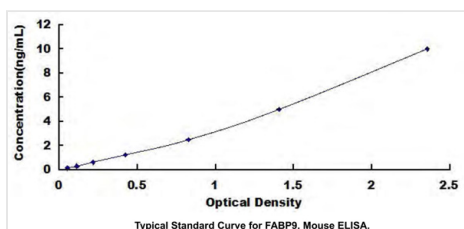
PRODUCT SYNONYMS

Fatty Acid Binding Protein 9; Testis (FABP9); Mouse Fatty Acid Binding Protein 9; Testis (FABP9)(Sandwich ELISA) ELISA Kit; ELISA Kit for Fatty Acid Binding Protein 9; FABP9/Fatty Acid Binding Protein 9; Testis; TLBP; TFABP; T-FABP; PERF; PERF15; Testis Lipid Binding Protein; Testis-Type Fatty Acid-Binding Protein; FABP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP9. No significant cross-reactivity or interference between FABP9 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.065ng/mL
Applicable Applications for FABP9 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FABP9 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 FABP9 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 FABP9 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FABP9. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FABP9. 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 FABP9, 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 FABP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FABP9 in mouse tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40254574
NCBI GeneID	21884
NCBI Accession #	NP_035728.2
NCBI GenBank Nucleotide #	NM_011598.3
UniProt Accession #	O08716; Q9DAL2
Molecular Weight	15,017 Da
NCBI Official Full Name	fatty acid-binding protein 9
NCBI Official Synonym Full Names	fatty acid binding protein 9, testis
NCBI Official Symbol	Fabp9
NCBI Official Synonym Symbols	Perf; Tlbp; Perf15; 1700007P10Rik
NCBI Protein Information	fatty acid-binding protein 9
UniProt Protein Name	Fatty acid-binding protein 9
UniProt Gene Name	Fabp9
UniProt Synonym Gene Names	Perf15; Tlbp; PERF 15; TLBP; T-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-elisa-kits/fatty-acid-binding-protein-9-testis-fabp9/189474>