

Mouse Fatty acid-binding protein, heart ELISA Kit | Fabp3 elisa kit

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CATALOG #
AAA98837

REACTIVITY
Mouse

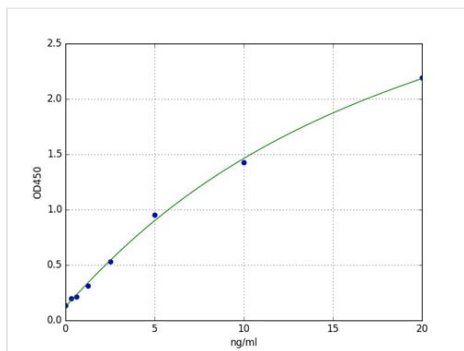
PRODUCT SYNONYMS

Fatty acid-binding protein; heart; Mouse Fatty acid-binding protein; heart ELISA Kit; Fabp3/FABP3/H-FABP/MDGI/FABP11/fatty acid binding protein 11/fatty acid binding protein 3; muscle and heart (mammary-derived growthinhibitor)/Fatty acid-binding protein 3/Fatty acid-binding protein 3; muscle/fatty acid-binding protein; heart/Heart-type fatty acid-binding protein/H-FABPM-FABP/Mammary-derived growth inhibitor/MDGI/Muscle fatty acid-binding protein/O-FABP; Fabp3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	133
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse Fabp3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.110	0.233	0.341	0.753	1.075	1.472	1.789

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fabp3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Fabp3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Fabp3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Fabp3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Fabp3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758328
NCBI GeneID	2170
NCBI Accession #	NP_004093.1
NCBI GenBank Nucleotide #	NM_004102.3
Molecular Weight	14,858 Da
NCBI Official Full Name	fatty acid-binding protein, heart
NCBI Official Synonym Full Names	fatty acid binding protein 3
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Gene Name	FABP3
UniProt Synonym Gene Names	FABP11; MDGI; H-FABP; MDGI; M-FABP
UniProt Entry Name	FABPH_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/fabp3-mouse-elisa-kits/fatty-acid-binding-protein-heart/98837>