

Rat FABP3 ELISA Kit | FABP3 elisa kit

Rat FABP3 (Fatty Acid Binding Protein 3, Muscle and Heart) ELISA Kit

CATALOG #
AAA165670

REACTIVITY
Rat

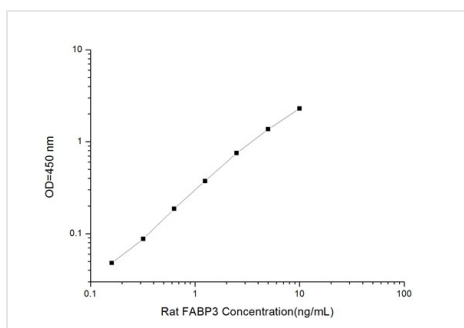
PRODUCT SYNONYMS

FABP3; Rat FABP3 (Fatty Acid Binding Protein 3; Muscle and Heart) ELISA Kit; FABP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat FABP3. No significant cross-reactivity or interference between Rat FABP3 and analogues was observed.
Sequence Length	133
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat FABP3 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP3 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to FABP3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for FABP3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain FABP3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of FABP3. You can calculate the concentration of FABP3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758328
NCBI GeneID	2170
NCBI Accession #	NP_004093.1
NCBI GenBank Nucleotide #	NM_004102.3
UniProt Accession #	P05413; Q5VV93; Q99957; B2RAB6
Molecular Weight	14,858 Da
NCBI Official Full Name	fatty acid-binding protein, heart
NCBI Official Synonym Full Names	fatty acid binding protein 3, muscle and heart
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart; Fatty acid-binding protein 3, muscle; fatty acid binding protein 11; heart-type fatty acid-binding protein; mammary-derived growth inhibitor; muscle fatty acid-binding protein
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/rat-elisa-kits/fabp3/165670>