Guinea Pig Fatty Acid Binding Protein 3, Muscle And Heart ELISA Kit | FABP3 elisa kit

Guinea pig Fatty Acid Binding Protein 3, Muscle And Heart ELISA Kit

CATALOG #	REACTIVITY
AAA85022	**Guinea Pig**

PRODUCT SYNONYMS

Fatty Acid Binding Protein 3; Muscle And Heart; Guinea pig Fatty Acid Binding Protein 3; Muscle And Heart ELISA Kit; FABP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This FABP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea Pig FABP3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP3 elisa kit	**Principle of the Assay:** FABP3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FABP3. Standards or samples are then added to the microtiter plate wells and FABP3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FABP3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FABP3 are added to each well to "sandwich" the FABP3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FABP3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119628024
NCBI GeneID	2170
Molecular Weight	14,858 Da

NCBI Official Full Name	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor), isoform CRA_b
NCBI Official Synonym Full Names	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
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 11; mammary-derived growth inhibitor; muscle fatty acid-binding protein; Fatty acid-binding protein 3, muscle; heart-type 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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