

Porcine Heart Fatty Acid Binding Protein ELISA Kit | h-FABP elisa kit

Porcine Heart Fatty Acid Binding Protein ELISA Kit

CATALOG #
AAA88417

REACTIVITY
Porcine

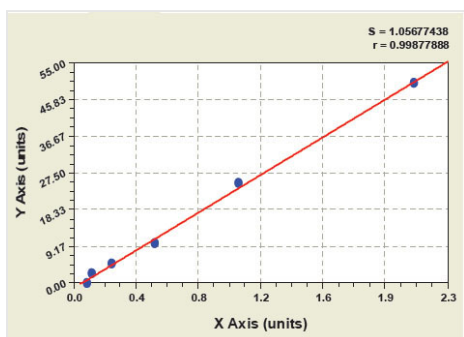
PRODUCT SYNONYMS

Heart Fatty Acid Binding Protein; Porcine Heart Fatty Acid Binding Protein ELISA Kit; h-FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This h-FABP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine h-FABP. 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 h-FABP elisa kit

Principle of the Assay: h-FABP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for h-FABP. Standards or samples are then added to the microtiter plate wells and h-FABP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of h-FABP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for h-FABP are added to each well to "sandwich" the h-FABP 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 h-FABP 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 h-FABP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for h-FABP elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	458862
NCBI GeneID	2170
Molecular Weight	14,858 Da
NCBI Official Full Name	heart fatty acid binding protein, partial
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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Online datasheet: <https://stage.aaabiotech.com/h-fabp-porcine-elisa-kits/heart-fatty-acid-binding-protein/88417>