

Rat Fatty acid-binding protein ELISA Kit | FABP elisa kit

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CATALOG #
AAA83893

REACTIVITY
Rat

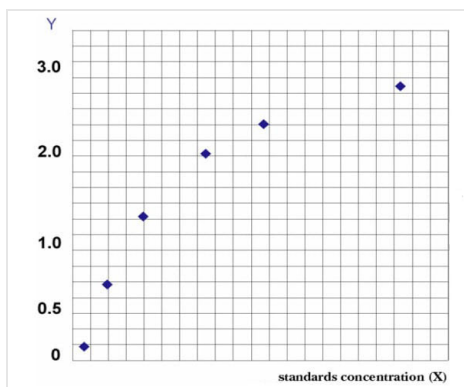
PRODUCT SYNONYMS

Fatty acid-binding protein; Rat Fatty acid-binding protein ELISA Kit; FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP elisa kit

Intended Uses: This FABP ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of FABP in the sample, this FABP ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus FABP concentration. The concentration of FABP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This FABP enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for FABP. Standards or samples are then added to the microtiter plate wells and FABP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FABP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FABP are added to each well to "sandwich" the FABP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FABP and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45383556
NCBI GeneID	374165
NCBI Accession #	NP_989621.1
NCBI GenBank Nucleotide #	NM_204290.1
NCBI Official Full Name	fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4, adipocyte
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	FABP; AFABP; A-FABP
NCBI Protein Information	fatty acid-binding protein, adipocyte; adipocyte fatty acid binding protein; adipocyte-type fatty acid binding protein

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/fabp-rat-elisa-kits/fatty-acid-binding-protein/83893>