

Rat Epidermal fatty acid binding protein 5 ELISA Kit | Efabp5 elisa kit

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CATALOG #
AAA96842

REACTIVITY
Rat

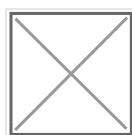
PRODUCT SYNONYMS

Epidermal fatty acid binding protein 5; Rat Epidermal fatty acid binding protein 5 ELISA Kit; Efabp5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This FABP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FABP5. 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 Efabp5 elisa kit

Principle of the assay: FABP5 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FABP5. Standards or samples are then added to the microtiter plate wells and FABP5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FABP5 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FABP5 are added to each well to "sandwich" the FABP5 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 FABP5 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 FABP5 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Efabp5 elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	82395853
NCBI GeneID	140868

UniProt Accession #	P55053 ; P97757
Molecular Weight	15,059 Da
NCBI Official Full Name	epidermal fatty acid binding protein 5
NCBI Official Synonym Full Names	fatty acid binding protein 5, epidermal
NCBI Official Symbol	Fabp5
NCBI Official Synonym Symbols	DA11; C-FABP; E-FABP
NCBI Protein Information	fatty acid-binding protein, epidermal; fatty acid-binding protein 5; cutaneous fatty acid-binding protein; epidermal-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	Fabp5
UniProt Synonym Gene Names	C-FABP; E-FABP
UniProt Entry Name	FABP5_RAT

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/efabp5-rat-elisa-kits/epidermal-fatty-acid-binding-protein-5/96842>