

Human adipocyte fatty acid-binding protein ELISA Kit | A-FABP elisa kit

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CATALOG #
AAA83657

REACTIVITY
Human

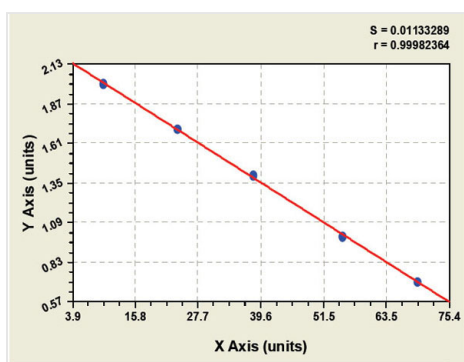
PRODUCT SYNONYMS

adipocyte fatty acid-binding protein; Human adipocyte fatty acid-binding protein ELISA Kit; adipocyte fatty acid-binding protein (Human); A-FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This FABP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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 A-FABP elisa kit

Principle of the Assay: FABP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FABP antibody and an FABP-HRP conjugate. The assay sample and buffer are incubated together with FABP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FABP concentration since FABP from samples and FABP-HRP conjugate compete for the anti-FABP antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP from the sample, fewer sites are left to bind FABP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for A-FABP elisa kit

[Human ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	163570752
NCBI Official Full Name	A-FABP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/a-fabp-human-elisa-kits/adipocyte-fatty-acid-binding-protein/83657>