

Human Adipocyte Fatty Acid Binding Protein ELISA Kit | A FABP elisa kit

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CATALOG # AAA16180	REACTIVITY Human
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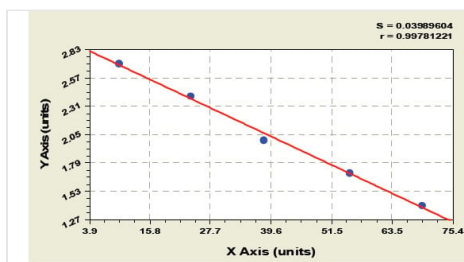
PRODUCT SYNONYMS

Adipocyte Fatty Acid Binding Protein; Human Adipocyte Fatty Acid Binding Protein ELISA Kit; A FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This alphaLALB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alphaLALB. 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: alphaLALB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-alphaLALB antibody and an alphaLALB-HRP conjugate. The assay sample and buffer are incubated together with alphaLALB-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 alphaLALB concentration since alphaLALB from samples and alphaLALB-HRP conjugate compete for the anti-alphaLALB antibody binding site. Since the number of sites is limited, as more sites are occupied by alphaLALB from the sample, fewer sites are left to bind alphaLALB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alphaLALB concentration in each sample is interpolated from this standard curve.
Product Categories/Family for A FABP elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	163570752
Molecular Weight	3,816 Da
NCBI Official Full Name	A-FABP, partial
UniProt Protein Name	A-FABP
UniProt Entry Name	A9YWQ7_ANAPL

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://www.aaabiotech.com/a-fabp-human-elisa-kits/adipocyte-fatty-acid-binding-protein/16180>