

Human Fucosidase, Alpha L1, Tissue ELISA Kit | FUCa1 elisa kit

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CATALOG #
AAA87217

REACTIVITY
Human

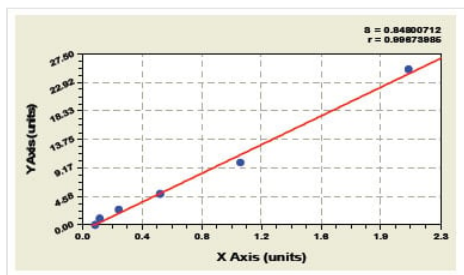
PRODUCT SYNONYMS

Fucosidase; Alpha L1; Tissue; Human Fucosidase; Tissue ELISA Kit; FUCa1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This AFU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AFU. 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 FUCa1 elisa kit

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

Product Categories/Family for FUCa1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119615504
NCBI GeneID	2517
Molecular Weight	53,689 Da
NCBI Official Full Name	fucosidase, alpha-L- 1, tissue
NCBI Official Synonym Full Names	fucosidase, alpha-L- 1, tissue
NCBI Official Symbol	FUCA1
NCBI Official Synonym Symbols	FUCA
NCBI Protein Information	tissue alpha-L-fucosidase; alpha-L-fucosidase 1; alpha-L-fucosidase I; alpha-L-fucoside fucohydrolase 1
UniProt Protein Name	Tissue alpha-L-fucosidase
UniProt Gene Name	FUCA1
UniProt Synonym Gene Names	Nbla10230; Alpha-L-fucosidase 1
UniProt Entry Name	FUCO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fuca1-human-elisa-kits/fucosidase-alpha-l1-tissue/87217>