

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

Human Fucosidase Alpha L1, Tissue (FUCa1) ELISA Kit

CATALOG #
AAA183995

REACTIVITY
Human

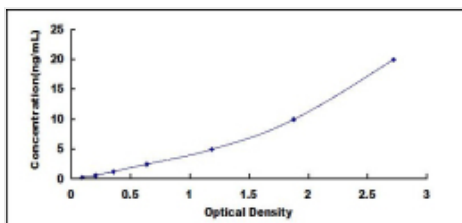
PRODUCT SYNONYMS

Fucosidase Alpha L1; Tissue (FUCa1); Human Fucosidase Alpha L1; Tissue (FUCa1) ELISA Kit; A-FU; aFU; Alpha-L-Fucosidase; Alpha-L-fucoside fucohydrolase 1; FUCa1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fucosidase Alpha L1, Tissue (FUCa1). No significant cross-reactivity or interference between Fucosidase Alpha L1, Tissue (FUCa1) and analogues was observed.
Sequence Length	467
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.115ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fucosidase Alpha L1, Tissue (FUCa1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fucosidase Alpha L1, Tissue (FUCa1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUCa1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fucosidase Alpha L1, Tissue (FUCa1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fucosidase Alpha L1, Tissue (FUCa1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Fucosidase Alpha L1, Tissue (FUCa1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Fucosidase Alpha L1, Tissue (FUCa1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	403238746
NCBI GeneID	100621112
Molecular Weight	54,019 Da
NCBI Official Full Name	fucosidase alpha-L-1
NCBI Official Symbol	FUCA1
NCBI Protein Information	tissue alpha-L-fucosidase
UniProt Protein Name	Fucosidase alpha-L-1
UniProt Gene Name	FUCA1

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/human-elisa-kits/fucosidase-alpha-l1-tissue-fuca1/183995>