

Human Alpha-L-Fucosidase, Tissue ELISA Kit | FUCA1 elisa kit

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CATALOG #
AAA98495

REACTIVITY
Human

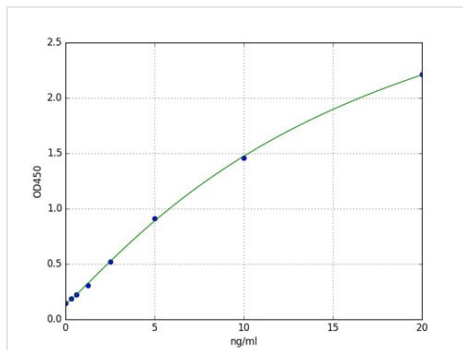
PRODUCT SYNONYMS

Alpha-L-Fucosidase; Tissue; Human Alpha-L-Fucosidase; Tissue ELISA Kit; FUCA (Alpha-L-Fucosidase; Tissue)/FUCA1/Alpha-L-fucosidase 1/Alpha-L-fucosidase I/Alpha-L-fucoside fucohydrolase 1/fucosidase; alpha-L- 1; tissue/tissue alpha-L-fucosidase; FUCA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	464
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human FUCA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.012	0.069	0.119	0.281	0.585	1.159	1.827	2.245

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUCA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FUCA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FUCA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human FUCA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FUCA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	217966744
NCBI GeneID	7083138
NCBI Accession #	YP_002352250.1
NCBI GenBank Nucleotide #	NC_011661.1
Molecular Weight	54,675 Da
NCBI Official Full Name	alpha-L-fucosidase
NCBI Official Symbol	Dtur_0315
NCBI Protein Information	alpha-L-fucosidase
UniProt Protein Name	Alpha-L-fucosidase
UniProt Gene Name	Dtur_0315
UniProt Entry Name	B8DZ10_DICTD

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/fuca1-human-elisa-kits/alpha-l-fucosidase-tissue/98495>