

Human Fucosidase Alpha L2, Plasma (FUCa2) ELISA Kit | FUCa2 elisa kit

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CATALOG #
AAA68029

REACTIVITY
Human

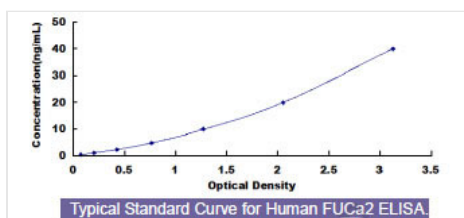
PRODUCT SYNONYMS

Fucosidase Alpha L2; Plasma (FUCa2); Human Fucosidase Alpha L2; Plasma (FUCa2) ELISA Kit; FUCa2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FUCa2. No significant cross-reactivity or interference between FUCa2 and analogues was observed.
Sequence Length	165
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.216ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FUCa2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FUCa2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUCa2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FUCa2 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FUCa2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FUCa2. 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 FUCa2, 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 FUCa2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40068512
NCBI GeneID	2519
NCBI Accession #	NP_114409.2
NCBI GenBank Nucleotide #	NM_032020.4
UniProt Accession #	Q9BTY2; Q7Z6V1; Q7Z6Y2; Q8NBK4; E9PEB6
Molecular Weight	19,835 Da
NCBI Official Full Name	plasma alpha-L-fucosidase
NCBI Official Synonym Full Names	fucosidase, alpha-L- 2, plasma
NCBI Official Symbol	FUCA2
NCBI Official Synonym Symbols	dJ20N2.5
NCBI Protein Information	plasma alpha-L-fucosidase
UniProt Protein Name	Plasma alpha-L-fucosidase
UniProt Gene Name	FUCA2
UniProt Synonym Gene Names	Alpha-L-fucosidase 2

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.