

Mouse Fucosyltransferase 8 (FUT8) ELISA Kit | FUT8 elisa kit

Mouse Fucosyltransferase 8 (FUT8) ELISA Kit

CATALOG #
AAA66765

REACTIVITY
Mouse

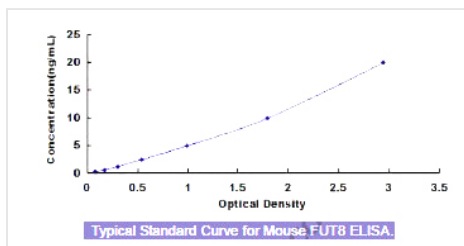
PRODUCT SYNONYMS

Fucosyltransferase 8 (FUT8); Mouse Fucosyltransferase 8 (FUT8) ELISA Kit; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1; 6-fucosyltransferase; Glycoprotein 6-alpha-L-fucosyltransferase; Alpha-(1; 6)-fucosyltransferase; FUT8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FUT8. No significant cross-reactivity or interference between FUT8 and analogues was observed.
Sequence Length	575
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.127ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FUT8 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 FUT8 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 FUT8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FUT8 in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FUT8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FUT8. 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 FUT8, 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 FUT8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	357933610
NCBI GeneID	53618
NCBI Accession #	NP_001239543.1
NCBI GenBank Nucleotide #	NM_001252614.1
UniProt Accession #	Q9WTS2; Q543F5; Q921U1
Molecular Weight	66,557 Da
NCBI Official Full Name	alpha-(1,6)-fucosyltransferase isoform 1
NCBI Official Synonym Full Names	fucosyltransferase 8
NCBI Official Symbol	Fut8
NCBI Protein Information	alpha-(1,6)-fucosyltransferase
UniProt Protein Name	Alpha-(1,6)-fucosyltransferase
UniProt Gene Name	Fut8
UniProt Synonym Gene Names	Alpha1-6FucT

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/mouse-elisa-kits/fucosyltransferase-8-fut8/66765>