

ARG82722 Human FUT8 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82722-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82722-002	Standard	2 X 10 ng/vial	4°C
ARG82722-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82722-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82722-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82722-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82722-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82722-008	25X Wash buffer	20 ml	4°C
ARG82722-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82722-010	STOP solution	10 ml (Ready to use)	4°C
ARG82722-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82722 Human FUT8 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FUT8 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	FUT8
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.2% Inter-Assay CV: 6.9%

Alternate Names	Alpha-(1,6)-fucosyltransferase; Alpha1-6FucT; EC 2.4.1.68; Fucosyltransferase 8; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase; GDP-fucose--glycoprotein fucosyltransferase; Glycoprotein 6-alpha-L-fucosyltransferase
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Application Instructions

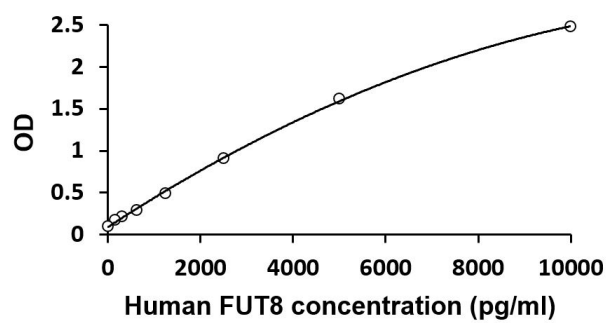
Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FUT8
Gene Full Name	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
Background	This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]
Function	Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans. [UniProt]
Highlight	Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Tyrosine phosphorylated by PKDCC/VLK. [UniProt]
Cellular Localization	Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Note=Membrane-bound form in trans cisternae of Golgi. [UniProt]



ARG82722 Human FUT8 ELISA Kit standard curve image

ARG82722 Human FUT8 ELISA Kit results of a typical standard run with optical density reading at 450 nm.