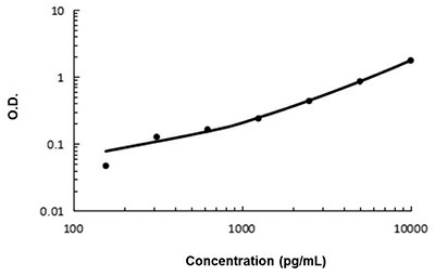
FUT8 (Human) ELISA Kit

Catalog # KA5843 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	FUT8 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human FUT8.
Suitable Sample	Cell Culture Supernates, Plasma (Heparin, EDTA), Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — FUT8

Entrez GeneID	2530
Protein Accession#	Q9BYC5
Gene Name	FUT8
Gene Alias	MGC26465
Gene Description	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
Omim ID	602589
Gene Ontology	Hyperlink
Gene Summary	This enzyme belongs 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. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase|GDP-fucose--glycoprotein fucosyltransferase|alpha1-6FucT|fucosyltransferase 8|glycoprotein 6-alpha-L-fucosyltransferase

Pathway

- Keratan sulfate biosynthesis
- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Tobacco Use Disorder

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