

Human Galactoside 3(4)-L-fucosyltransferase ELISA Kit | FUT3 elisa kit

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CATALOG #
AAA193856

REACTIVITY
Human

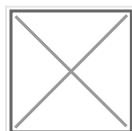
PRODUCT SYNONYMS

Galactoside 3(4)-L-fucosyltransferase; Human Galactoside 3(4)-L-fucosyltransferase ELISA Kit; Blood group Lewis alpha-4-fucosyltransferase; Lewis FT; Fucosyltransferase 3; Fucosyltransferase III; FucT-III; FUT3; FT3B; LE; 2.4.1.65; FUT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human FUT3. No significant cross-reactivity or interference was observed.
Sequence Length	361
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	18pg/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=11.4%
Recovery	109%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FUT3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Galactoside 3(4)-L-fucosyltransferase, FUT3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FUT3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for FUT3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain FUT3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of FUT3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503809
NCBI GeneID	2525
NCBI Accession #	NP_000140.1
NCBI GenBank Nucleotide #	NM_000149.3
UniProt Accession #	P21217; Q32NE7; Q99448; Q99449; B5U7U9; B5U7V0
Molecular Weight	42,117 Da
NCBI Official Full Name	galactoside 3(4)-L-fucosyltransferase
NCBI Official Synonym Full Names	fucosyltransferase 3 (Lewis blood group)
NCBI Official Symbol	FUT3
NCBI Official Synonym Symbols	LE; Les; FT3B; CD174; FucT-III
NCBI Protein Information	galactoside 3(4)-L-fucosyltransferase
UniProt Protein Name	Galactoside 3(4)-L-fucosyltransferase
UniProt Gene Name	FUT3
UniProt Synonym Gene Names	FT3B; LE; Lewis FT; FucT-III
UniProt Entry Name	FUT3_HUMAN

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/fut3-human-elisa-kits/galactoside-3-4-l-fucosyltransferase/193856>