

Human Golgi Glycoprotein 1 (GLG1) ELISA Kit | GLG1 elisa kit

Human Golgi Glycoprotein 1 (GLG1)(Sandwich ELISA) ELISA Kit

CATALOG # AAA189596	REACTIVITY Human	APPLICATIONS ELISA
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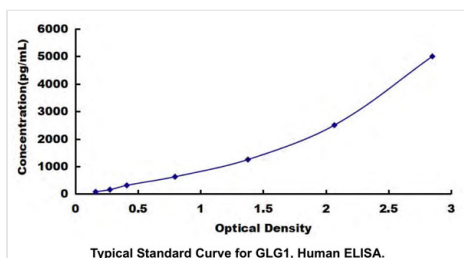
PRODUCT SYNONYMS

Golgi Glycoprotein 1 (GLG1); Human Golgi Glycoprotein 1 (GLG1)(Sandwich ELISA) ELISA Kit; ELISA Kit for Golgi Glycoprotein 1 (GLG1); GLG1/Golgi Glycoprotein 1; CFR-1; ESL-1; MG160; Golgi Apparatus Protein 1; E-selectin ligand 1; Cysteine-rich fibroblast growth factor receptor; GLG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GLG1. No significant cross-reactivity or interference between GLG1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	< 37pg/mL
Applicable Applications for GLG1 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GLG1 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 GLG1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLG1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to GLG1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to GLG1. 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 GLG1, 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 $\pm$ 10nm. The concentration of GLG1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GLG1 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for GLG1 elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	54633312
NCBI GeneID	2734
NCBI Accession #	NP_036333.2
NCBI GenBank Nucleotide #	NM_012201.5
UniProt Accession #	Q92896; Q13221; Q6P9D1; B7Z8Y4; D3DUJ7
Molecular Weight	135,996 Da
NCBI Official Full Name	Golgi apparatus protein 1 isoform 1
NCBI Official Synonym Full Names	golgi glycoprotein 1
NCBI Official Symbol	GLG1
NCBI Official Synonym Symbols	CFR-1; ESL-1; MG160; MG-160
NCBI Protein Information	Golgi apparatus protein 1; E-selectin ligand 1; golgi sialoglycoprotein MG-160; cysteine-rich fibroblast growth factor receptor
UniProt Protein Name	Golgi apparatus protein 1
UniProt Gene Name	GLG1
UniProt Synonym Gene Names	CFR1; ESL1; MG160; ESL-1
UniProt Entry Name	GSLG1_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://www.aaabiotech.com/human-elisa-kits/golgi-glycoprotein-1-glg1/189596>