

Human GOLGA2 (Golgin Subfamily A Member 2) ELISA Kit | GOLGA2 elisa kit

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CATALOG #
AAA277901

REACTIVITY
Human

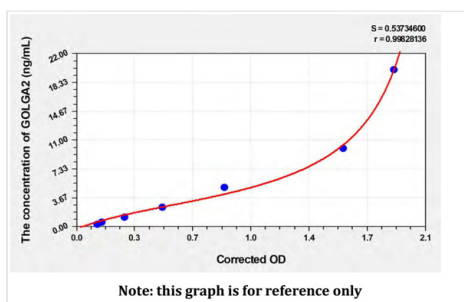
PRODUCT SYNONYMS

GOLGA2 (Golgin Subfamily A Member 2); Human GOLGA2 (Golgin Subfamily A Member 2) ELISA Kit; GM130; GOLGA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GOLGA2. No significant cross-reactivity or interference between Human GOLGA2 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.14 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GOLGA2 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human GOLGA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GOLGA2. 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 Human GOLGA2, 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 Human GOLGA2 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32470610
NCBI GeneID	2802
UniProt Accession #	Q08378; O43241; Q6P9C7; Q86XW3; Q8TDA9; Q8WZA3; A5PKX6
Molecular Weight	1498
NCBI Official Full Name	Golgin subfamily A member 3
NCBI Official Synonym Full Names	golgin A3
NCBI Official Symbol	GOLGA3
NCBI Official Synonym Symbols	MEA-2; GCP170
NCBI Protein Information	Golgin subfamily A member 3; golgin-160; golgin-165; SY2/SY10 protein; male enhanced antigen-2; Golgi membrane associated protein; Golgi peripheral membrane protein; golgi autoantigen, golgin subfamily a, 3; golgi complex-associated protein of 170 kDa
UniProt Protein Name	Golgin subfamily A member 3
UniProt Gene Name	GOLGA3
UniProt Synonym Gene Names	GCP170
UniProt Entry Name	GOGA3_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/human-elisa-kits/golga2-golgin-subfamily-a-member-2/277901>