

Human GOLPH3 (Golgi phosphoprotein 3) ELISA Kit | GOLPH3 elisa kit

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CATALOG #
AAA250562

REACTIVITY
Human

PRODUCT SYNONYMS

GOLPH3 (Golgi phosphoprotein 3); Human GOLPH3 (Golgi phosphoprotein 3) ELISA Kit; Golgi phosphoprotein 3; Coat protein GPP34; GOLPH3; Mitochondrial DNA absence factor (MIDAS); GOLPH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GOLPH3. No significant crossreactivity or interference between GOLPH3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for GOLPH3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15082415
NCBI GeneID	64083
UniProt Accession #	Q9H4A6 ; Q9UIW5
Molecular Weight	33,811 Da
NCBI Official Full Name	Golgi phosphoprotein 3 (coat-protein)
NCBI Official Synonym Full Names	golgi phosphoprotein 3 (coat-protein)
NCBI Official Symbol	GOLPH3

NCBI Official Synonym Symbols	GOPP1; GPP34; MIDAS; Vps74
NCBI Protein Information	Golgi phosphoprotein 3; coat-protein; golgi protein; coat protein GPP34; golgi-associated protein; mitochondrial DNA absence factor; golgi peripheral membrane protein 1, 34 kDa
UniProt Protein Name	Golgi phosphoprotein 3
UniProt Gene Name	GOLPH3
UniProt Synonym Gene Names	GPP34; MIDAS
UniProt Entry Name	GOLP3_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/golph3-golgi-phosphoprotein-3/250562>