

Human GYG1 (Glycogenin 1) ELISA Kit | GYG1 elisa kit

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CATALOG #
AAA250171

REACTIVITY
Human

PRODUCT SYNONYMS

GYG1 (Glycogenin 1); Human GYG1 (Glycogenin 1) ELISA Kit; Glycogenin-1; GN-1; GN1; GYG; GYG1; GYG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GYG1. No significant cross -reactivity or interference between GYG1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 GYG1 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 #	296040505
NCBI GeneID	2992
NCBI Accession #	NP_001171649.1
NCBI GenBank Nucleotide #	NM_001184720.1
UniProt Accession #	P46976 ; Q6FHZ1 ; Q9UNV0 ; D3DNH0 ; D3DNH1 ; D3DNH2
Molecular Weight	31,467 Da
NCBI Official Full Name	glycogenin-1 isoform 2
NCBI Official Synonym Full Names	glycogenin 1

NCBI Official Symbol	GYG1
NCBI Official Synonym Symbols	GYG; GSD15
NCBI Protein Information	glycogenin-1; GN-1; glycogenin glucosyltransferase
UniProt Protein Name	Glycogenin-1
UniProt Gene Name	GYG1
UniProt Synonym Gene Names	GYG; GN-1; GN1
UniProt Entry Name	GLYG_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/gyg1-glycogenin-1/250171>