

Human Glycogenin-1 ELISA Kit | GYG1 elisa kit

Human Glycogenin-1 (GYG1) ELISA Kit

CATALOG #
AAA55638

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GYG1. No significant cross-reactivity or interference between Human GYG1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GYG1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GYG1 in Human serum, plasma. An antibody specific for GYG1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GYG1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GYG1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GYG1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Glycogenin-1 (GYG1) concentration in serum, plasma and other biological fluids.

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
UniProt Protein Name	Glycogenin-1
UniProt Gene Name	GYG1
UniProt Synonym Gene Names	GYG; GN-1; GN1

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/gyg1-human-elisa-kits/glycogenin-1/55638>