

Human Glycoprotein hormone alpha-2 ELISA Kit | GPHA2 elisa kit

Human Glycoprotein hormone alpha-2 (GPHA2) ELISA Kit

CATALOG #
AAA55690

REACTIVITY
Human

PRODUCT SYNONYMS

Glycoprotein hormone alpha-2; Human Glycoprotein hormone alpha-2 (GPHA2) ELISA Kit; GPHA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPHA2. No significant cross-reactivity or interference between Human GPHA2 and analogues was observed.
Sequence Length	129
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.156 ng/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 GPHA2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GPHA2 in Human serum, plasma, tissue homogenates. An antibody specific for GPHA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPHA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPHA2 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 GPHA2 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 Glycoprotein hormone alpha-2 (GPHA2) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18640742
NCBI GeneID	170589
NCBI Accession #	NP_570125.1
NCBI GenBank Nucleotide #	NP_570125.1

UniProt Accession #	Q96T91 ; Q52LE2
Molecular Weight	14,163 Da
NCBI Official Full Name	glycoprotein hormone alpha-2
NCBI Official Synonym Full Names	glycoprotein hormone alpha 2
NCBI Official Symbol	GPHA2
NCBI Official Synonym Symbols	A2; GPA2; ZSIG51
NCBI Protein Information	glycoprotein hormone alpha-2
UniProt Protein Name	Glycoprotein hormone alpha-2
UniProt Gene Name	GPHA2
UniProt Synonym Gene Names	GPA2; ZSIG51

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/gpha2-human-elisa-kits/glycoprotein-hormone-alpha-2/55690>