

Human HS-GH (High sensitive Growth Hormone) Accquant ELISA Kit | HS-GH elisa kit

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CATALOG #
AAA250886

REACTIVITY
Human

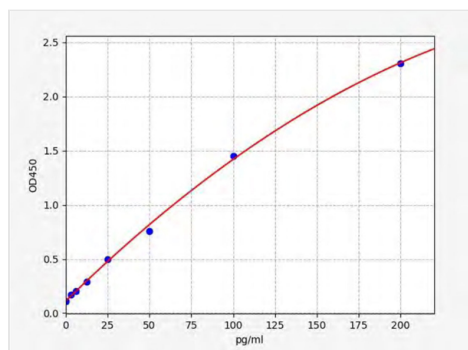
PRODUCT SYNONYMS

HS-GH (High sensitive Growth Hormone) Accquant; Human HS-GH (High sensitive Growth Hormone) Accquant ELISA Kit; GH; High sensitive Growth Hormone; HS-GH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize HS-GH, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	3.125-200pg/ml
Sensitivity	1.875pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HS-GH elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti HS-GH antibody was pre-coated onto the 96-well plate. The biotin conjugated anti HS-GH antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with HSGH conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of HS-GH in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134703
NCBI GeneID	2688
UniProt Accession #	P01241; Q14405; Q16631; Q5EB53; Q9HBZ1; Q9UMJ7; Q9UNL5; A6NEF6
Molecular Weight	217
NCBI Official Full Name	Somatotropin
NCBI Official Synonym Full Names	growth hormone 1
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH; GHN; GH-N; hGH-N; IGHD1B
NCBI Protein Information	somatotropin; pituitary growth hormone
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Synonym Gene Names	GH; GH-N
UniProt Entry Name	SOMA_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/hs-gh-high-sensitive-growth-hormone-accquant/250886>