

Human Growth Hormone / GH ELISA Kit | GH elisa kit

Growth Hormone / GH Human ELISA Kit

CATALOG # AAA58885	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	----------------------------	------------------------------

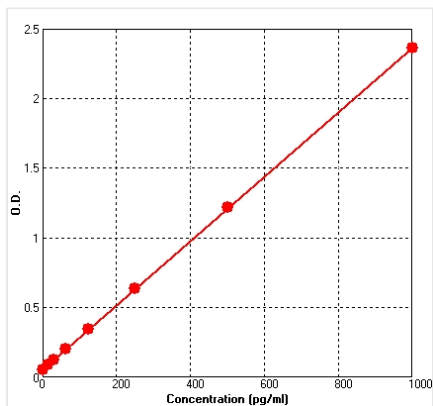
PRODUCT SYNONYMS

Growth Hormone / GH; Growth Hormone / GH Human ELISA Kit; Human Growth Hormone / GH; GH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 2pg/ml
Applicable Applications for GH elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-GH polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-GH polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex 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 GH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of GH can be calculated. Background: Growth hormone (GH) is a peptide hormone that stimulates growth, cell reproduction and regeneration in humans and other animals. It is synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. Human growth hormone has a molecular mass of 22,005 and contains 191 amino acid residues with 2 disulfide bridges. Growth hormone is used as a prescription drug in medicine to treat children's growth disorders and adult growth hormone deficiency. In its role as an anabolic agent, HGH has been abused by competitors in sports since the 1970s, and it has been banned by the IOC and NCAA.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	545073
NCBI Official Full Name	growth hormone

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/growth-hormone-gh/58885>