

Human Growth Hormone (GH) ELISA Kit | GH elisa kit

Human Anti-Growth Hormone Antibody (Anti-GH) ELISA Kit

CATALOG # AAA188346	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

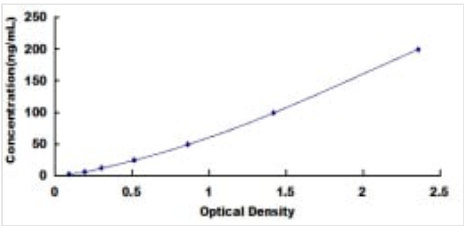
PRODUCT SYNONYMS

Growth Hormone (GH); Human Anti-Growth Hormone Antibody (Anti-GH) ELISA Kit; Growth Hormone; GH1; GH-N; GHN; hGH-N; Somatotropin; Hygetropin; Jintropin; Kigtropin; Pituitary Growth Hormone; Normal; GH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Growth Hormone Antibody (Anti-GH). No significant cross-reactivity or interference between Anti-Growth Hormone Antibody (Anti-GH) and analogues was observed.
Sequence Length	217
Assay Type	Competitive Inhibition
Samples	Serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 1.12ng/mL
Applicable Applications for GH elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Growth Hormone Antibody (Anti-GH) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Growth Hormone Antibody (Anti-GH) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Growth Hormone Antibody (Anti-GH) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Growth Hormone Antibody (Anti-GH) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	134703
NCBI GeneID	2688
UniProt Accession #	P01241
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; GHB5; IGHD2; hGH-N; IGHD1A; IGHD1B
NCBI Protein Information	somatotropin
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.

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/188346>