

Goat growth hormone 1 ELISA Kit | GH1 elisa kit

Goat growth hormone, GH ELISA Kit

CATALOG #
AAA79960

REACTIVITY
Goat

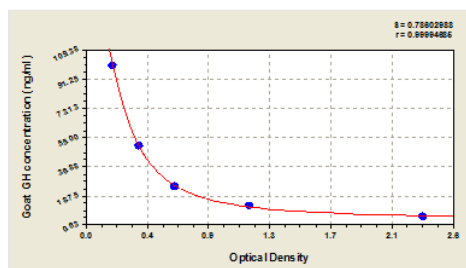
PRODUCT SYNONYMS

growth hormone 1; Goat growth hormone; GH ELISA Kit; GH ELISA KIT; GH; GH-N; GHN; IGHD1B; hGH-N; pituitary growth hormone; GH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat GH1. No significant cross-reactivity or interference between Goat GH1 and analogues was observed.
Sequence Length	217
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	6.25 ng/ml-100 ng/ml
Sensitivity	3.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH1 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to GH has been pre-coated onto a microplate. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated GH and incubated. A competitive inhibition reaction is launched between GH (Standards or samples) and Biotin-conjugated GH with the pre-coated antibody specific for GH. The more amount of GH in samples, the less antibody bound by Biotin-conjugated GH. Then Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of GH in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	550822259
NCBI GeneID	100861230
NCBI Accession #	NP_001272515.1
NCBI GenBank Nucleotide #	NM_001285586.1
UniProt Accession #	P67931; P01247; P07289; Q29404
Molecular Weight	24,631 Da
NCBI Official Full Name	somatotropin
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH
NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Entry Name	SOMA_CAPHI

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://stage.aaabiotech.com/gh1-goat-elisa-kits/growth-hormone-1/79960>