

Horse growth hormone 1 ELISA Kit | GH1 elisa kit

Horse growth hormone, GH ELISA Kit

CATALOG #
AAA80481

REACTIVITY
Horse

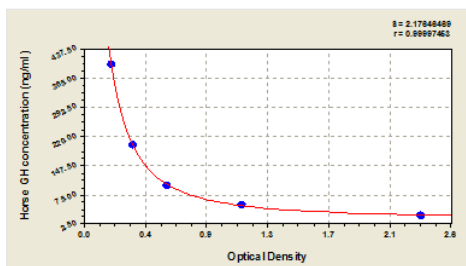
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse GH. No significant cross-reactivity or interference between horse GH and analogues was observed.
Sequence Length	216
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	25 ng/ml-400 ng/ml
Sensitivity	< 25 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
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. The microtiter plate provided in this kit has been pre-coated with an antibody specific to GH. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated GH. 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. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells 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 #	126352373
NCBI GeneID	100034180
NCBI Accession #	NP_001075417.1
NCBI GenBank Nucleotide #	NM_001081948.1
UniProt Accession #	P01245
Molecular Weight	24,423 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_HORSE

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-horse-elisa-kits/growth-hormone-1/80481>