

Mouse growth hormone 1 ELISA Kit | GH1 elisa kit

Mouse growth hormone, GH ELISA Kit

CATALOG #
AAA80172

REACTIVITY
Mouse

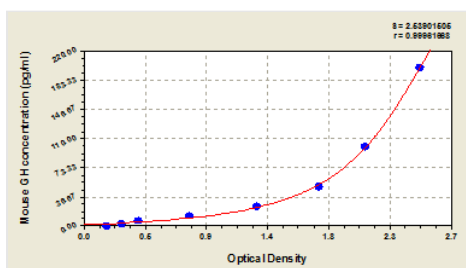
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of dog GH. No significant cross-reactivity or interference between dog GH and analogues was observed.
Sequence Length	216
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 quantitative sandwich enzyme immunoassay technique. Antibody specific for GH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GH bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679997
NCBI GeneID	14599
NCBI Accession #	NP_032143.1
NCBI GenBank Nucleotide #	NM_008117.3
UniProt Accession #	P06880; Q544X1
Molecular Weight	24,716 Da
NCBI Official Full Name	somatotropin
NCBI Official Synonym Full Names	growth hormone
NCBI Official Symbol	Gh
NCBI Official Synonym Symbols	Gh1
NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	Gh1
UniProt Synonym Gene Names	Gh
UniProt Entry Name	SOMA_MOUSE

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-mouse-elisa-kits/growth-hormone-1/80172>