

Rat growth hormone 1 ELISA Kit | GH1 elisa kit

Rat growth hormone, GH ELISA Kit

CATALOG #
AAA79770

REACTIVITY
Rat

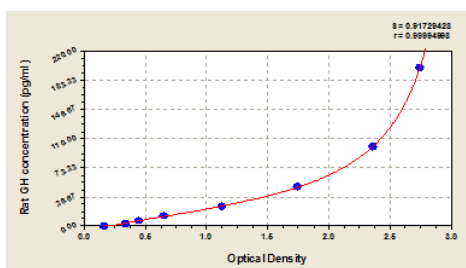
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat GH. No significant cross-reactivity or interference between rat GH and analogues was observed.
Sequence Length	216
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/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 #	1174399
UniProt Accession #	P46407
Molecular Weight	24,433 Da
NCBI Official Full Name	Somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Entry Name	SOMA_RABIT

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-rat-elisa-kits/growth-hormone-1/79770>