

Mouse Somatotropin ELISA Kit | Gh1 elisa kit

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CATALOG #
AAA309929

REACTIVITY
Mouse

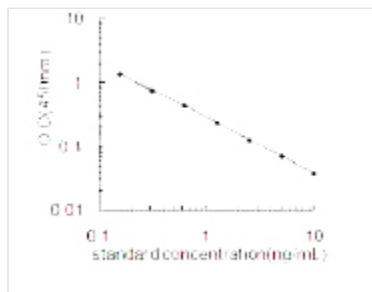
PRODUCT SYNONYMS

Somatotropin; Mouse Somatotropin ELISA Kit; Growth hormone; Gh1; Gh; Gh1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse Somatotropin. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.15-10.0 ng/mL
Sensitivity	Typically less than 0.078 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gh1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Somatotropin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Somatotropin. During the reaction, Somatotropin in the sample or standard competes with a fixed amount of biotin-labeled Somatotropin for sites on a pre-coated Monoclonal antibody specific to Somatotropin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Somatotropin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679997
NCBI GeneID	14599
NCBI Accession #	NP_032143.1
NCBI GenBank Nucleotide #	NP_032143.1
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; Ghb1
NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	Gh1
UniProt Synonym Gene Names	Gh

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/somatotropin/309929>