

## Monkey growth hormone 1 ELISA Kit | GH1 elisa kit

Monkey Somatotropin, GH1 ELISA Kit

CATALOG #  
**AAA112502**

REACTIVITY  
**Monkey**

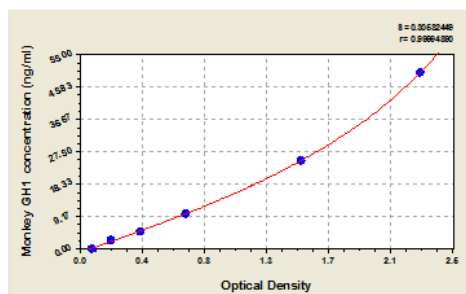
### PRODUCT SYNONYMS

growth hormone 1; Monkey Somatotropin; GH1 ELISA Kit; Monkey Somatotropin (GH1) ELISA kit; GH; GH-N; GHN; IGHD1B; hGH-N; pituitary growth hormone; GH1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of monkey GH1. No significant cross-reactivity or interference between monkey GH1 and analogues was observed.                                                                                                                                                                      |
| Sequence Length         | 217                                                                                                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, plasma                                                                                                                                                                                                                                                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                   |
| Detection Range         | 2.5 ng/ml -50 ng/ml.                                                                                                                                                                                                                                                                                                                                       |
| Sensitivity             | The minimum detectable dose of monkey GH1 is typically less than 1 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest monkey GH1 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations. |
| 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%<20%. 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 | <b>Principle of the assay:</b> This assay employs the quantitative sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with biotin-BSA and Avidin. Standards and samples are pipetted into the wells with a biotin-conjugated antibody specific for GH1. After washing, GH1 antibody conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GH1 in sample. The color development is stopped and the intensity of the color is measured. |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| NCBI GI #                  | 112293289                                        |
| NCBI GeneID                | 718156                                           |
| NCBI Accession #           | NP_001036203.1                                   |
| NCBI GenBank Nucleotide #  | NM_001042738.1                                   |
| UniProt Accession #        | P33093                                           |
| Molecular Weight           | 24,913 Da                                        |
| NCBI Official Full Name    | somatotropin                                     |
| NCBI Official Symbol       | GH1                                              |
| NCBI Protein Information   | somatotropin; GH; GH-N; pituitary growth hormone |
| UniProt Protein Name       | Somatotropin                                     |
| UniProt Gene Name          | GH1                                              |
| UniProt Synonym Gene Names | GH; GH-N                                         |
| UniProt Entry Name         | SOMA_MACMU                                       |

**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-monkey-elisa-kits/growth-hormone-1/112502>