

# Monkey Insulin-like Growth Factor 1 (IGF-1) ELISA Kit | IGF-1 elisa kit

Monkey Insulin-like Growth Factor 1, IGF-1 ELISA Kit

CATALOG #  
**AAA15002**

REACTIVITY  
**Monkey**

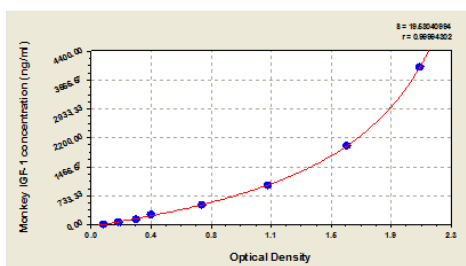
## PRODUCT SYNONYMS

Insulin-like Growth Factor 1 (IGF-1); Monkey Insulin-like Growth Factor 1; IGF-1 ELISA Kit; Monkey Insulin-like Growth Factor 1 (IGF-1) ELISA KIT; IGF-1 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                    |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of monkey IGF-1. No significant cross-reactivity or interference between monkey IGF-1 and analogues was observed. |
| Sequence Length         | 71                                                                                                                                                                                        |
| Samples                 | Serum, plasma                                                                                                                                                                             |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                     |
| Detection Range         | 62.5 ng/ml-4000 ng/ml                                                                                                                                                                     |
| Sensitivity             | < 15.6 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 IGF-1 elisa kit

**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGF-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGF-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGF-1 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 IGF-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                         |         |
|-------------------------|---------|
| NCBI GI #               | 1247519 |
| NCBI Official Full Name | IGF-1   |

**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://www.aaabiotech.com/monkey-elisa-kits/insulin-like-growth-factor-1-igf-1/15002>