

## Mouse Insulin-like growth factor 1, IGF-1 ELISA Kit | IGF-1 elisa kit

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CATALOG #  
**AAA41869**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Insulin-like growth factor 1; IGF-1; Mouse Insulin-like growth factor 1; IGF-1 ELISA Kit; IGF-1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 71                                                                       |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.05ng/ml - 10ng/ml                                                      |
| Sensitivity             | 0.01ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IGF-1 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Insulin-like Growth Factor 1 (also known as IGF-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse IGF-1 antibody. IGF-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse IGF-1 Antibody is added and binds to IGF-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGF-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse IGF-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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://stage.aaabiotech.com/mouse-elisa-kits/insulin-like-growth-factor-1-igf-1/41869>