

## Human Insulin-like growth factor I ELISA Kit | IGF1 elisa kit

Human Insulin-like growth factor I ELISA Kit

CATALOG #  
**AAA57051**

REACTIVITY  
**Human**

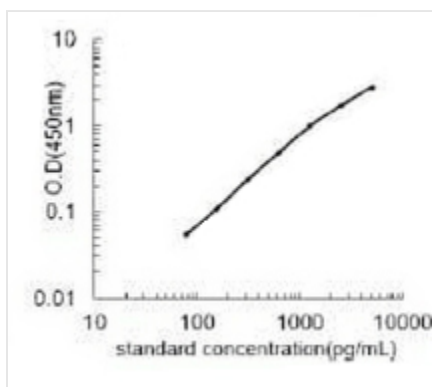
### PRODUCT SYNONYMS

Insulin-like growth factor I; Human Insulin-like growth factor I ELISA Kit; IGF-I; Mechano growth factor; MGF; Somatomedin-C; IGF1; IBP1; IGF1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Rat CSF-1                                                     |
| Sequence Length         | 153                                                                                   |
| Samples                 | Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids |
| Detection Range         | 15.6-1000 pg/mL                                                                       |
| Sensitivity             | <7.86 pg/mL                                                                           |
| Intra-assay Precision   | Intra-Assay CV: <=6.6%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=8.9%                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IGF1 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 11024682                                             |
| NCBI GeneID                      | 3479                                                 |
| NCBI Accession #                 | NP_000609.1                                          |
| NCBI GenBank Nucleotide #        | NM_000618.4                                          |
| UniProt Accession #              | P05019; P01343; Q14620; B2RWM7; E9PD02               |
| Molecular Weight                 | 17,762 Da                                            |
| NCBI Official Full Name          | insulin-like growth factor I isoform 4 preproprotein |
| NCBI Official Synonym Full Names | insulin like growth factor 1                         |
| NCBI Official Symbol             | IGF1                                                 |
| NCBI Official Synonym Symbols    | MGF; IGF-I; IGF-I                                    |
| NCBI Protein Information         | insulin-like growth factor I                         |
| UniProt Protein Name             | Insulin-like growth factor I                         |
| UniProt Gene Name                | IGF1                                                 |
| UniProt Synonym Gene Names       | IBP1; IGF-I; MGF                                     |
| UniProt Entry Name               | IGF1_HUMAN                                           |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/igf1-human-elisa-kits/insulin-like-growth-factor-i/57051>