

## Human Insulin-like growth factor-binding protein 5 ELISA Kit | IGFBP5 elisa kit

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CATALOG #  
**AAA23223**

REACTIVITY  
**Human**

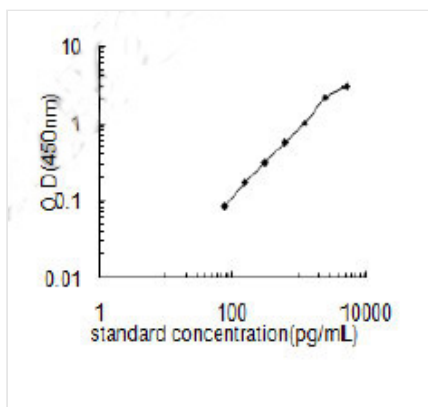
### PRODUCT SYNONYMS

Insulin-like growth factor-binding protein 5; Human Insulin-like growth factor-binding protein 5 ELISA Kit; IBP-5; IGF-binding protein 5; IGFBP-5; IGFBP5; IBP5; IGFBP5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Insulin-like growth factor-binding protein 5,IBP-5      |
| Sequence Length         | 272                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 78-5000 pg/mL                                                                         |
| Sensitivity             | < 45 pg/mL                                                                            |
| Intra-assay Precision   | <=4.7%                                                                                |
| Inter-assay Precision   | <=7.8%                                                                                |
| 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 IGFBP5 elisa kit | <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> <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> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 10834982                                     |
| NCBI GeneID                      | 3488                                         |
| NCBI Accession #                 | NP_000590.1                                  |
| NCBI GenBank Nucleotide #        | NM_000599.3                                  |
| UniProt Accession #              | P24593; Q5U0A3                               |
| Molecular Weight                 | 30,570 Da                                    |
| NCBI Official Full Name          | insulin-like growth factor-binding protein 5 |
| NCBI Official Synonym Full Names | insulin like growth factor binding protein 5 |
| NCBI Official Symbol             | IGFBP5                                       |
| NCBI Official Synonym Symbols    | IBP5                                         |
| NCBI Protein Information         | insulin-like growth factor-binding protein 5 |
| UniProt Protein Name             | Insulin-like growth factor-binding protein 5 |
| UniProt Gene Name                | IGFBP5                                       |
| UniProt Synonym Gene Names       | IBP5; IBP-5; IGF-binding protein 5; IGFBP-5  |
| UniProt Entry Name               | IBP5_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.

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Online datasheet: <https://stage.aaabiotech.com/igfbp5-human-elisa-kits/insulin-like-growth-factor-binding-protein-5/23223>