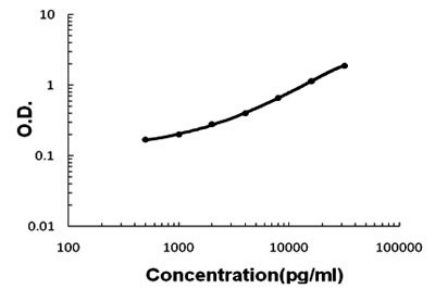
# IGFBP4 (Human) ELISA Kit

Catalog # KA6155 Size 1 Kit

## Applications




The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

| | |
|---|---|
| **Product Description** | IGFBP4 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human IGFBP4 in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA). |
| **Suitable Sample** | Cell Culture Supernates, Cell Lysates, Plasma (EDTA, Heparin) and Serum. |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 500 to 32000 pg/mL |
| **Reactivity** | Human |
| **Regulatory Status** | For research use only (RUO) |
| **Quality Control Testing** | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed. |
| **Storage Instruction** | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles. |

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## Applications

- Quantification

## Gene Info — IGFBP4

| | |
|---|---|
| **Entrez GeneID** | 3487 |
| **Protein Accession#** | P22692 |
| **Gene Name** | IGFBP4 |
| **Gene Alias** | BP-4, HT29-IGFBP, IBP4, IGFBP-4 |
| **Gene Description** | insulin-like growth factor binding protein 4 |
| **Omim ID** | 146733 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encode s a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insuli n-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glyco sylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction w ith cell surface receptors. [provided by RefSeq |
| **Other Designations** | IGF-binding protein 4\|insulin-like growth factor-binding protein 4 |

## Disease

- Abortion
- Alzheimer disease
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X

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- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Prostatic Neoplasms
- Puberty
- Thrombophilia
- Tobacco Use Disorder

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