

## Human Fetuin B ELISA Kit | FETUB elisa kit

Human Fetuin B PicoKine ELISA Kit

CATALOG #  
**AAA46677**

REACTIVITY  
**Human**

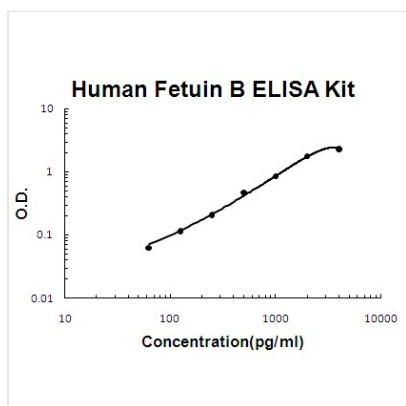
### PRODUCT SYNONYMS

Fetuin B; Human Fetuin B PicoKine ELISA Kit; 16G2; D17980; Fet; Fetub; Fetuin beta; Fetuin-B; Fetuin-like protein; Gugu; IRL685; Pp63; Q9UGM5; fetuin B; FETUB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                 |
| Specificity             | Natural and recombinant Human Fetuin B                                                                                                                |
| Sequence Length         | 345                                                                                                                                                   |
| Samples                 | Cell culture supernates, serum and plasma(heparin, EDTA).                                                                                             |
| Assay Type              | Sandwich                                                                                                                                              |
| Detection Range         | 62.5pg/ml-4000pg/ml                                                                                                                                   |
| Sensitivity             | <12pg/ml                                                                                                                                              |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.      |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. |
| Preparation and Storage | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).                            |

### IMAGES



Standard Curve (Sample)

Human Fetuin B PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FETUB elisa kit | <p>Principle of the Assay: Human Fetuin B ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Fetuin B has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: C16-P382) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Fetuin B is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Fetuin B amount of sample captured in plate.</p> <p>Background/Introduction: Fetuin-B is a protein that in humans is encoded by the FETUB gene. It is mapped to 3q27, where the FETUA gene is localized. The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells.</p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 815890839                                                      |
| NCBI GeneID                      | 26998                                                          |
| NCBI Accession #                 | NP_001295006.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001308077.1                                                 |
| UniProt Accession #              | Q9UGM5; Q1RMZ0; Q5J876; Q6DK58; Q6GRB6; Q9Y6Z0; B2RCW6; E9PG06 |
| Molecular Weight                 | 37,823 Da                                                      |
| NCBI Official Full Name          | fetuin-B isoform 2                                             |
| NCBI Official Synonym Full Names | fetuin B                                                       |
| NCBI Official Symbol             | FETUB                                                          |
| NCBI Official Synonym Symbols    | 16G2; Gugu; IRL685                                             |
| NCBI Protein Information         | fetuin-B                                                       |
| UniProt Protein Name             | Fetuin-B                                                       |
| UniProt Gene Name                | <b>FETUB</b>                                                   |
| UniProt Entry Name               | FETUB_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/fetub-human-elisa-kits/fetuin-b/46677>