

## Human Fetuin B ELISA Kit | FETUB elisa kit

Human Fetuin B ELISA Kit

CATALOG #  
**AAA263043**

REACTIVITY  
**Human**

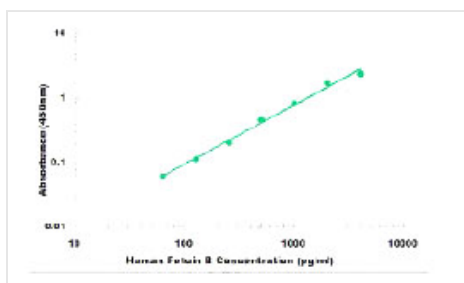
### PRODUCT SYNONYMS

Fetuin B; Human Fetuin B ELISA Kit; Fetuin-B; 16G2; Fetuin-like protein IRL685; Gugu; FETUB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Specificity             | The Human Fetuin B ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Fetuin B proteins within the range of 62.5 pg/ml - 4000 pg/ml. |
| Sequence Length         | 345                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernates, Serum, Plasma                                                                                                                                                           |
| Sensitivity             | <12 pg/ml                                                                                                                                                                                        |
| Preparation and Storage | Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.                                                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FETUB elisa kit

**Principle of the Assay:** The Human Fetuin B ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Fetuin B in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human Fetuin B coated on a 96-well plate. Standards and samples are pipetted into the wells and Fetuin B present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Fetuin B antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Fetuin B bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

**Background:** 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.

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/263043>