

## Human Fibroblast Growth Factor Binding Protein 2 ELISA Kit | FGFBP2 elisa kit

Human Fibroblast Growth Factor Binding Protein 2 ELISA Kit

CATALOG #  
**AAA87929**

REACTIVITY  
**Human**

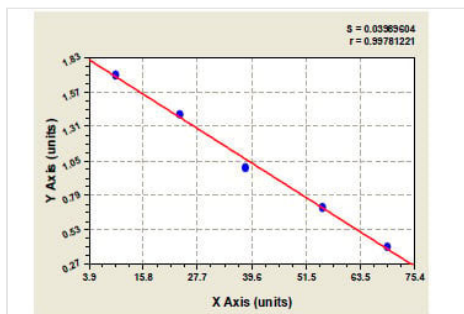
### PRODUCT SYNONYMS

Fibroblast Growth Factor Binding Protein 2; Human Fibroblast Growth Factor Binding Protein 2 ELISA Kit; FGFBP2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Human                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 2.5-50ng/mL                                                                |
| Sensitivity             | 0.1g/mL                                                                    |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FGFBP2 elisa kit

Intended Uses: This FGFBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGFBP2. This ELISA kit for research use only!

Principle of the Assay||FGFBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGFBP2 antibody and an FGFBP2-HRP conjugate. The assay sample and buffer are incubated together with FGFBP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FGFBP2 concentration since FGFBP2 from samples and FGFBP2-HRP conjugate compete for the anti-FGFBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGFBP2 from the sample, fewer sites are left to bind FGFBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGFBP2 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for FGFBP2 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 13994345                                                                                                                                                                                                    |
| NCBI GeneID                      | 83888                                                                                                                                                                                                       |
| NCBI Accession #                 | NP_114156.1                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_031950.3                                                                                                                                                                                                 |
| Molecular Weight                 | 24,581 Da                                                                                                                                                                                                   |
| NCBI Official Full Name          | fibroblast growth factor-binding protein 2                                                                                                                                                                  |
| NCBI Official Synonym Full Names | fibroblast growth factor binding protein 2                                                                                                                                                                  |
| NCBI Official Symbol             | FGFBP2                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | KSP37; HBP17RP                                                                                                                                                                                              |
| NCBI Protein Information         | fibroblast growth factor-binding protein 2; FGF-BP2; FGFBP-2; HBp17-RP; FGF-binding protein 2; HBp17-related protein; 37 kDa killer-specific secretory protein; killer-specific secretory protein of 37 kDa |
| UniProt Protein Name             | Fibroblast growth factor-binding protein 2                                                                                                                                                                  |
| UniProt Gene Name                | <b>FGFBP2</b>                                                                                                                                                                                               |
| UniProt Synonym Gene Names       | KSP37; UNQ425/PRO1065; FGF-BP2; FGF-binding protein 2; FGFBP-2; Ksp37; HBp17-RP                                                                                                                             |
| UniProt Entry Name               | FGFP2_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://www.aaabiotech.com/fgfbp2-human-elisa-kits/fibroblast-growth-factor-binding-protein-2/87929>