

## Chicken Fibroblast Growth Factor Binding Protein 1 ELISA Kit | FGFBP1 elisa kit

Chicken Fibroblast Growth Factor Binding Protein 1 ELISA Kit

CATALOG #  
**AAA93965**

REACTIVITY  
**Chicken**

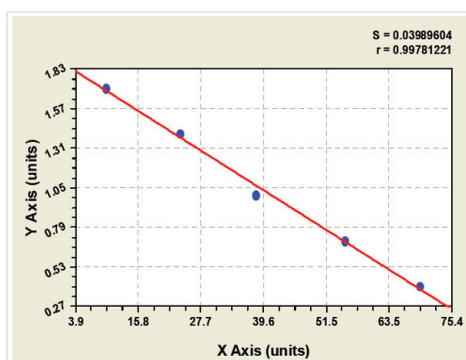
### PRODUCT SYNONYMS

Fibroblast Growth Factor Binding Protein 1; Chicken Fibroblast Growth Factor Binding Protein 1 ELISA Kit; FGFBP1 elisa kit

### PRODUCT SPECIFICATIONS

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

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FGFBP1 elisa kit

**Intended Uses:** This FGFBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FGFBP1. This ELISA kit for research use only!

**Principle of the Assay:** FGFBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGFBP1 antibody and an FGFBP1-HRP conjugate. The assay sample and buffer are incubated together with FGFBP1-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 FGFBP1 concentration since FGFBP1 from samples and FGFBP1-HRP conjugate compete for the anti-FGFBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGFBP1 from the sample, fewer sites are left to bind FGFBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGFBP1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4826754                                                                                                                                                                                             |
| NCBI GeneID                      | 9982                                                                                                                                                                                                |
| NCBI Accession #                 | NP_005121.1                                                                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_005130.4                                                                                                                                                                                         |
| Molecular Weight                 | 26,264 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | fibroblast growth factor-binding protein 1                                                                                                                                                          |
| NCBI Official Synonym Full Names | fibroblast growth factor binding protein 1                                                                                                                                                          |
| NCBI Official Symbol             | FGFBP1                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | FGFBP; HBP17; FGF-BP; FGF-BP1; FGFBP-1                                                                                                                                                              |
| NCBI Protein Information         | fibroblast growth factor-binding protein 1; FGF-binding protein 1; 17 kDa HBGF-binding protein; heparin-binding growth factor binding protein; 17 kDa heparin-binding growth factor-binding protein |
| UniProt Protein Name             | Fibroblast growth factor-binding protein 1                                                                                                                                                          |
| UniProt Gene Name                | <b>FGFBP1</b>                                                                                                                                                                                       |
| UniProt Synonym Gene Names       | FGFBP; HBP17; FGF-BP; FGF-BP1; FGF-binding protein 1; FGFBP-1; 17 kDa HBGF-binding protein; HBp17                                                                                                   |
| UniProt Entry Name               | FGFP1_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/fgfbp1-chicken-elisa-kits/fibroblast-growth-factor-binding-protein-1/93965>