

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

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CATALOG #
AAA87929

REACTIVITY
Human

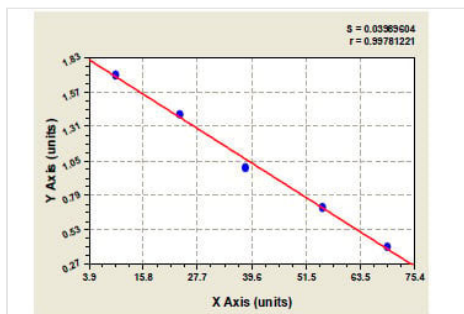
PRODUCT SYNONYMS

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	FGFBP2
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://stage.aaabiotech.com/fgfbp2-human-elisa-kits/fibroblast-growth-factor-binding-protein-2/87929>