

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

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CATALOG #
AAA95702

REACTIVITY
Bovine

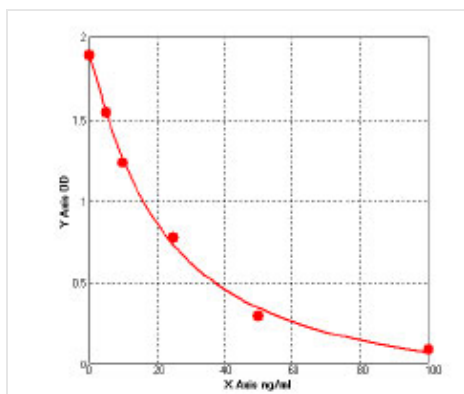
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/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 Bovine FGFBP2. This ELISA kit for research use only!

Principle of the Assay: FGFBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/fgfbp2-bovine-ovine-elisa-kits/fibroblast-growth-factor-binding-protein-2/95702>