

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

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CATALOG #
AAA97181

REACTIVITY
Canine

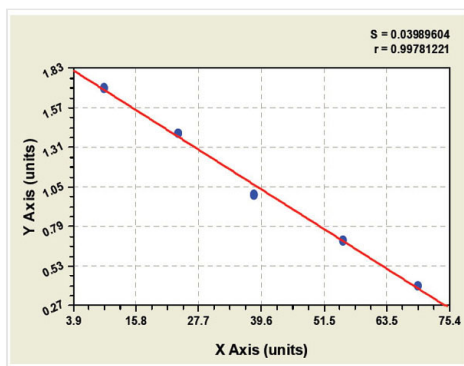
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This FGFBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FGFBP1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFBP1 elisa kit

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	FGFBP1
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-canine-elisa-kits/fibroblast-growth-factor-binding-protein-1/97181>