

Human Fibroblast growth factor-binding protein 1 ELISA Kit | FGFBP1 elisa kit

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CATALOG #
AAA102306

REACTIVITY
Human

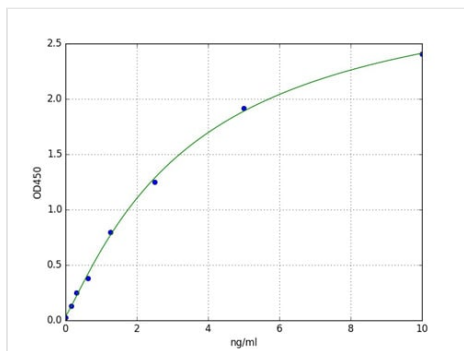
PRODUCT SYNONYMS

Fibroblast growth factor-binding protein 1; Human Fibroblast growth factor-binding protein 1 ELISA Kit; FGFBP1 (Fibroblast growth factor-binding protein 1)/HBp17/FGF-BP/FGF-BP1/FGFBP-1/FGFBP/17 kDa heparin-binding growth factor-binding protein/FGF-binding protein 1/fibroblast growth factor binding protein 1/17 kDa HBGF-binding protein/heparin-binding growth factor binding protein; FGFBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	234
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a FGFBP1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.079	0.144	0.309	0.551	0.959	1.612	2.140

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFBP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FGFBP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-FGFBP1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the FGFBP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FGFBP1 can be calculated.

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fgfbp1-human-elisa-kits/fibroblast-growth-factor-binding-protein-1/102306>