

Porcine Basic Fibroblast Growth Factor ELISA Kit | bFGF/FGF2 elisa kit

Porcine Basic Fibroblast Growth Factor ELISA Kit

CATALOG #
AAA98671

REACTIVITY
Porcine

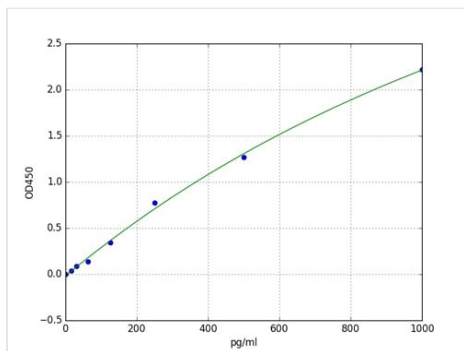
PRODUCT SYNONYMS

Basic Fibroblast Growth Factor; Porcine Basic Fibroblast Growth Factor ELISA Kit; bFGF/FGF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	157
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/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 Porcine bFGF/FGF2 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.003	0.036	0.081	0.147	0.345	0.752	1.321	2.314

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bFGF/FGF2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Porcine bFGF/FGF2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Porcine bFGF/FGF2 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 Porcine bFGF/FGF2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Porcine bFGF/FGF2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183087
NCBI GeneID	2247
Molecular Weight	21,203 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Synonym Full Names	fibroblast growth factor 2
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_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/bfgf-fgf2-porcine-elisa-kits/basic-fibroblast-growth-factor/98671>