

Human FGF-9 ELISA Kit | FGF-9 elisa kit

FGF-9 Human ELISA Kit

CATALOG # AAA58954	REACTIVITY Human	APPLICATIONS ELISA
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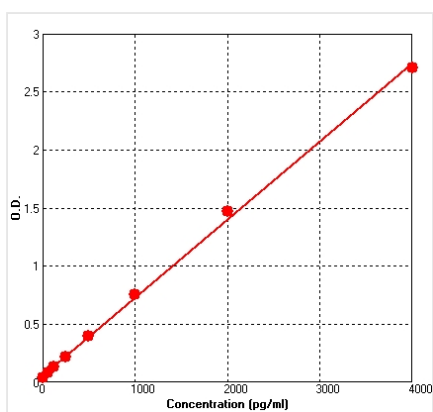
PRODUCT SYNONYMS

FGF-9; FGF-9 Human ELISA Kit; Human FGF-9; FGF-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15pg/ml
Applicable Applications for FGF-9 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF-9 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FGF9 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- FGF9 polyclonal 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. Avidin-Biotin-Peroxidase Complex 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 FGF9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FGF9 can be calculated. Background: FGF9 is a Member of the fibroblast growth factor (FGF) gene family, FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF9 was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. Its gene contains 3 exons and mapped to chromosome 13q12.11. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. FGF9 is an abundant secreted growth factor that can act as both a paracrine mitogen for epithelial cells and an autocrine mitogen for stromal cells. Overexpression of this paracrine and autocrine growth factor may play an important role in the epithelial and stromal proliferation in benign prostatic hyperplasia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503707
NCBI GeneID	2254
NCBI Accession #	NP_002001.1
NCBI GenBank Nucleotide #	NM_002010.2
UniProt Accession #	P31371; Q3SY32; A8K427
Molecular Weight	23,441 Da
NCBI Official Full Name	fibroblast growth factor 9
NCBI Official Synonym Full Names	fibroblast growth factor 9
NCBI Official Symbol	FGF9
NCBI Official Synonym Symbols	GAF; FGF-9; SYNS3; HBFG-9; HBGF-9
NCBI Protein Information	fibroblast growth factor 9; heparin-binding growth factor 9; fibroblast growth factor 9 (glia-activating factor)
UniProt Protein Name	Fibroblast growth factor 9
UniProt Gene Name	FGF9
UniProt Synonym Gene Names	FGF-9; GAF; HBGF-9
UniProt Entry Name	FGF9_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/human-elisa-kits/fgf-9/58954>