

Human FGF7 ELISA Kit | FGF7 elisa kit

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CATALOG # AAA105618	REACTIVITY Human	APPLICATIONS ELISA
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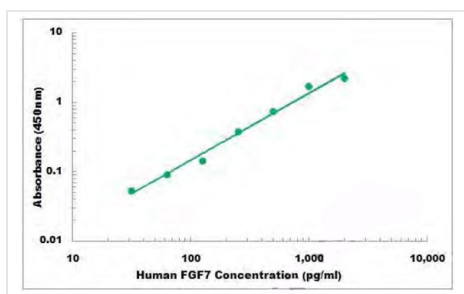
PRODUCT SYNONYMS

FGF7; Human FGF7 ELISA Kit; KGF; Fibroblast growth factor 7; FGF-7; Heparin-binding growth factor 7; HBGF-7; Keratinocyte growth factor; FGF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human FGF7 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human FGF7 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	194
Samples	Cell culture supernatants, serum, plasma
Sensitivity	< 15 pg/ml
Applicable Applications for FGF7 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF7 elisa kit	Principle of the Assay: The AAA Biotech' Human FGF7 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human FGF7 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human FGF7 coated on a 96-well plate. Standards and samples are pipetted into the wells and FGF7 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human FGF7 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of FGF7 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Keratinocyte growth factor is a protein that in humans is encoded by the FGF7 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) 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. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503705
NCBI GeneID	2252
NCBI Accession #	NP_002000.1
NCBI GenBank Nucleotide #	NM_002009.3
UniProt Accession #	P21781; Q6FGV5; Q96FG5; H0YNY5
Molecular Weight	11,520 Da
NCBI Official Full Name	fibroblast growth factor 7
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	FGF7
NCBI Official Synonym Symbols	KGF; HBGF-7
NCBI Protein Information	fibroblast growth factor 7; FGF-7; keratinocyte growth factor; heparin-binding growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	FGF7
UniProt Synonym Gene Names	KGF; FGF-7; HBGF-7
UniProt Entry Name	FGF7_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/human-elisa-kits/fgf7/105618>