

Pig fibroblast growth factor 7 (keratinocyte growth factor) ELISA Kit | FGF7 elisa kit

Pig Keratinocyte Growth Factor, KGF ELISA Kit

CATALOG #
AAA80504

REACTIVITY
Pig

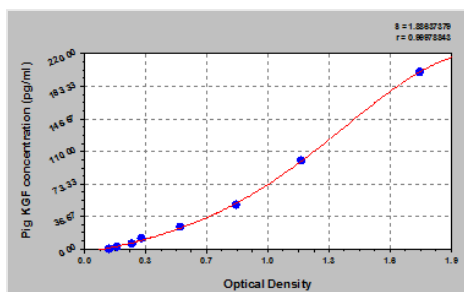
PRODUCT SYNONYMS

fibroblast growth factor 7 (keratinocyte growth factor); Pig Keratinocyte Growth Factor; KGF ELISA Kit; HBGF-7; KGF; fibroblast growth factor 7; heparin-binding growth factor 7; keratinocyte growth factor; FGF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig FGF7. No significant cross-reactivity or interference between Pig FGF7 and analogues was observed.
Sequence Length	194
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	3.12 pg/ml-200pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF7 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A antibody specific to KGF has been pre-coated onto a microplate. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated KGF and incubated. A competitive inhibition reaction is launched between KGF (Standards or samples) and Biotin-conjugated KGF with the pre-coated antibody specific for KGF. The more amount of KGF in samples, the less antibody bound by Biotin-conjugated KGF. Then Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of KGF in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13626616
UniProt Accession #	Q9N198
Molecular Weight	22,463 Da
NCBI Official Full Name	Fibroblast growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	FGF7
UniProt Synonym Gene Names	FGF-7; HBGF-7; KGF
UniProt Entry Name	FGF7_PIG

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/fgf7-pig-elisa-kits/fibroblast-growth-factor-7-keratinocyte-growth-factor/80504>