

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

Mouse Keratinocyte Growth Factor, KGF/FGF-7 ELISA Kit

CATALOG #
AAA15122

REACTIVITY
Mouse

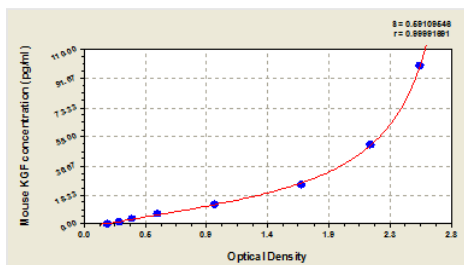
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse KGF. No significant cross-reactivity or interference between mouse KGF and analogues was observed.
Sequence Length	194
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	< 0.39 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 quantitative sandwich enzyme immunoassay technique. Antibody specific for KGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KGF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of KGF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679785
NCBI GeneID	14178
NCBI Accession #	NP_032034.1
NCBI GenBank Nucleotide #	NM_008008.4
UniProt Accession #	P36363
Molecular Weight	22,347 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
NCBI Protein Information	fibroblast growth factor 7; FGF-7; HBGF-7; Keratinocyte growth factor; heparin-binding growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	Fgf7
UniProt Synonym Gene Names	Fgf-7; Kgf; FGF-7; HBGF-7; KGF
UniProt Entry Name	FGF7_MOUSE

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/fgf7-mouse-elisa-kits/fibroblast-growth-factor-7-keratinocyte-growth-factor/15122>