

Mouse Fibroblast Growth Factor 9 (FGF9) ELISA Kit | FGF9 elisa kit

Mouse Fibroblast Growth Factor 9 (FGF9) Mini Samples ELISA Kit

CATALOG # AAA188632	REACTIVITY Mouse	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

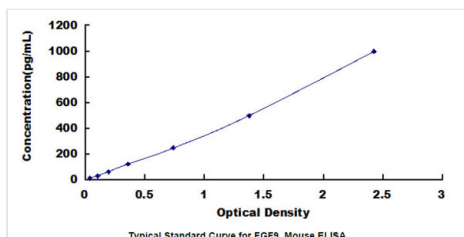
PRODUCT SYNONYMS

Fibroblast Growth Factor 9 (FGF9); Mouse Fibroblast Growth Factor 9 (FGF9) Mini Samples ELISA Kit; Fibroblast Growth Factor 9; GAF; HBFG9; Glia-Activating Factor; Heparin-Binding Growth Factor 9; FGF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF9. No significant cross-reactivity or interference between FGF9 and analogues was observed.
Sequence Length	208
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.9pg/mL
Applicable Applications for FGF9 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FGF9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF9 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGF9 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FGF9. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FGF9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FGF9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FGF9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	110625633
NCBI GeneID	14180
NCBI Accession #	NP_038546.2
NCBI GenBank Nucleotide #	NP_038546.2
UniProt Accession #	P54130
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	Eks
NCBI Protein Information	fibroblast growth factor 9
UniProt Protein Name	Fibroblast growth factor 9
UniProt Gene Name	Fgf9
UniProt Synonym Gene Names	Fgf-9; FGF-9; GAF
UniProt Entry Name	FGF9_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/mouse-elisa-kits/fibroblast-growth-factor-9-fgf9/188632>