

Mouse Fibroblast Growth Factor 10 (FGF10) ELISA Kit | FGF10 elisa kit

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CATALOG #
AAA13904

REACTIVITY
Mouse

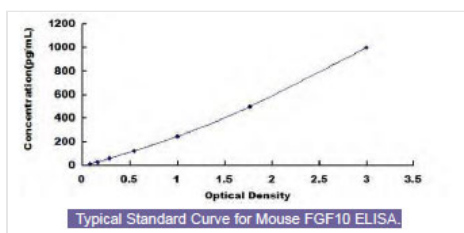
PRODUCT SYNONYMS

Fibroblast Growth Factor 10 (FGF10); Mouse Fibroblast Growth Factor 10 (FGF10) ELISA Kit; Keratinocyte growth factor 2; FGF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF10. No significant cross-reactivity or interference between FGF10 and analogues was observed.
Sequence Length	209
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	<5.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF10 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 FGF10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FGF10 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGF10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGF10. 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 FGF10, 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 FGF10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7106313
NCBI GeneID	14165
NCBI Accession #	NP_032028.1
NCBI GenBank Nucleotide #	NM_008002.4
UniProt Accession #	O35565; Q543V5
Molecular Weight	23,597 Da
NCBI Official Full Name	fibroblast growth factor 10
NCBI Official Synonym Full Names	fibroblast growth factor 10
NCBI Official Symbol	Fgf10
NCBI Official Synonym Symbols	AEY17; Fgf-10; BB213776; Gsfaey17
NCBI Protein Information	fibroblast growth factor 10
UniProt Protein Name	Fibroblast growth factor 10
UniProt Gene Name	Fgf10
UniProt Synonym Gene Names	FGF-10

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/mouse-elisa-kits/fibroblast-growth-factor-10-fgf10/13904>