

Human Fibroblast Growth Factor 8, Androgen Induced (FGF8) ELISA Kit | FGF8 elisa kit

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CATALOG #
AAA64920

REACTIVITY
Human

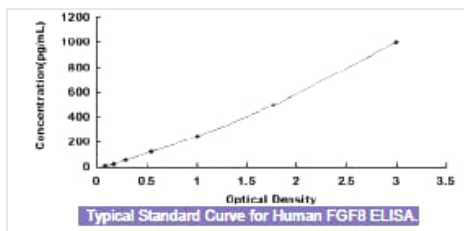
PRODUCT SYNONYMS

Fibroblast Growth Factor 8; Androgen Induced (FGF8); Human Fibroblast Growth Factor 8; Androgen Induced (FGF8) ELISA Kit; AIGF; HBGF8; Androgen-induced growth factor; Heparin-binding growth factor 8; FGF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF8. No significant cross-reactivity or interference between FGF8 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF8 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 FGF8 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 FGF8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGF8 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGF8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGF8. 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 FGF8, 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 FGF8 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 #	5174439
NCBI GeneID	2253
NCBI Accession #	NP_006110.1
NCBI GenBank Nucleotide #	NM_006119.4
UniProt Accession #	P55075; Q14915; Q15766; A1A514
Molecular Weight	27,715 Da
NCBI Official Full Name	fibroblast growth factor 8 isoform B
NCBI Official Synonym Full Names	fibroblast growth factor 8
NCBI Official Symbol	FGF8
NCBI Official Synonym Symbols	HH6; AIGF; KAL6; FGF-8; HBGF-8
NCBI Protein Information	fibroblast growth factor 8
UniProt Protein Name	Fibroblast growth factor 8
UniProt Gene Name	FGF8
UniProt Synonym Gene Names	AIGF; FGF-8; AIGF; HBGF-8

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/human-elisa-kits/fibroblast-growth-factor-8-androgen-induced-fgf8/64920>