

Rat Fibroblast Growth Factor 6 (FGF6) ELISA Kit | FGF6 elisa kit

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CATALOG # AAA65850	REACTIVITY Rat
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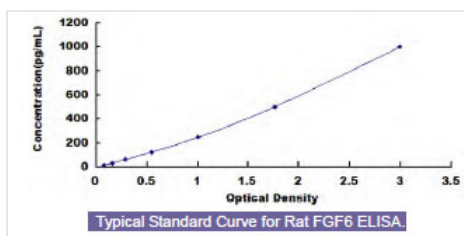
PRODUCT SYNONYMS

Fibroblast Growth Factor 6 (FGF6); Rat Fibroblast Growth Factor 6 (FGF6) ELISA Kit; HBGF6; HST2; HST2 Oncogene; Heparin Secretory-Transforming Protein 2; Heparin-Binding Growth Factor 6; FGF6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF6. No significant cross-reactivity or interference between FGF6 and analogues was observed.
Sequence Length	208
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.6pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF6 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 FGF6 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 FGF6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGF6 in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGF6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGF6. 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 FGF6, 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 FGF6 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 #	18777759
NCBI GeneID	170700
NCBI Accession #	NP_571983.1
NCBI GenBank Nucleotide #	NM_131908.1
UniProt Accession #	Q8R5L5
Molecular Weight	22,789 Da
NCBI Official Full Name	fibroblast growth factor 6
NCBI Official Synonym Full Names	fibroblast growth factor 6
NCBI Official Symbol	Fgf6
NCBI Protein Information	fibroblast growth factor 6
UniProt Protein Name	Fibroblast growth factor
UniProt Gene Name	Fgf6
UniProt Synonym Gene Names	FGF

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.