

Rat Fibroblast Growth Factor 3 (FGF3) ELISA Kit | FGF3 elisa kit

Rat Fibroblast Growth Factor 3 (FGF3) ELISA Kit

CATALOG #
AAA64305

REACTIVITY
Rat

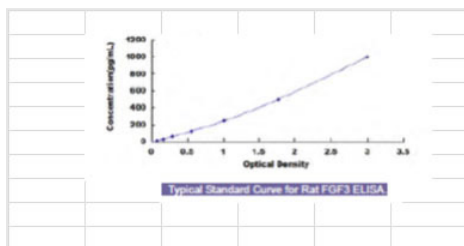
PRODUCT SYNONYMS

Fibroblast Growth Factor 3 (FGF3); Rat Fibroblast Growth Factor 3 (FGF3) ELISA Kit; HBGF3; INT2; Heparin-binding growth factor 3; Murine Mammary Tumor Virus Integration Site(v-int-2)Oncogene Homolog; INT-2 Proto-Oncogene Protein; Proto-oncogene Int-2; FGF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF3. No significant cross-reactivity or interference between FGF3 and analogues was observed.
Sequence Length	245
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF3 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 FGF3 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 FGF3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGF3 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 FGF3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGF3. 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 FGF3, 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 FGF3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	18677745
NCBI GeneID	170633
NCBI Accession #	NP_570830.1
NCBI GenBank Nucleotide #	NM_130817.1
UniProt Accession #	Q8R5L9; F1LSR1
Molecular Weight	27,150 Da
NCBI Official Full Name	fibroblast growth factor 3
NCBI Official Synonym Full Names	fibroblast growth factor 3
NCBI Official Symbol	Fgf3
NCBI Official Synonym Symbols	Int2
NCBI Protein Information	fibroblast growth factor 3
UniProt Protein Name	Fibroblast growth factor
UniProt Gene Name	Fgf3
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.