

Mouse Fibroblast Growth Factor Receptor 1 (FGFR1) ELISA Kit | FGFR1 elisa kit

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CATALOG #
AAA64587

REACTIVITY
Mouse

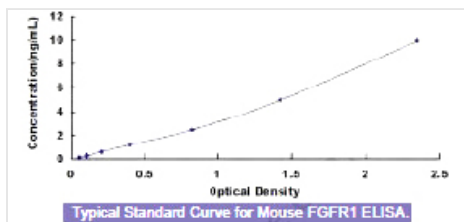
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor 1 (FGFR1); Mouse Fibroblast Growth Factor Receptor 1 (FGFR1) ELISA Kit; CD331; FLT2; KAL2; CEK; FLG; BFGFR; N-SAM; Basic Fibroblast Growth Factor Receptor 1; Fms-Related Tyrosine Kinase-2; Pfeiffer Syndrome; FGFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGFR1. No significant cross-reactivity or interference between FGFR1 and analogues was observed.
Sequence Length	820
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGFR1 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 FGFR1 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 FGFR1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGFR1 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGFR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGFR1. 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 FGFR1, 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 FGFR1 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 #	120952698
NCBI GeneID	14182
NCBI Accession #	NP_001073377.1
NCBI GenBank Nucleotide #	NM_001079908.2
UniProt Accession #	P16092; Q01736; Q60830; Q61562; Q80T10; Q8CFK8; Q9QZM7; E9Q2P4
Molecular Weight	91,669 Da
NCBI Official Full Name	fibroblast growth factor receptor 1 isoform 2
NCBI Official Synonym Full Names	fibroblast growth factor receptor 1
NCBI Official Symbol	Fgfr1
NCBI Official Synonym Symbols	FLG; MFR; Eask; Hspy; Flt-2; c-fgr; FGFR-I; Fgfr-1; AW208770; bFGF-R-1
NCBI Protein Information	fibroblast growth factor receptor 1
UniProt Protein Name	Fibroblast growth factor receptor 1
UniProt Gene Name	Fgfr1
UniProt Synonym Gene Names	Flg; FGFR-1; bFGF-R-1

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.