

Mouse Fibroblast Growth Factor Receptor 2 (FGFR2) RTU ELISA Kit | FGFR2 rtu elisa kit

Mouse Fibroblast Growth Factor Receptor 2 (FGFR2) ELISA Kit

CATALOG #
AAA219656

REACTIVITY
Mouse

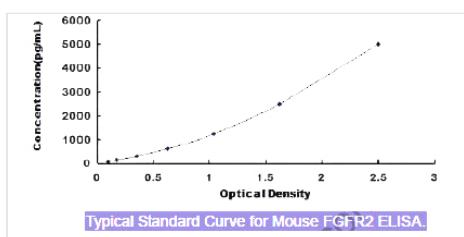
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor 2 (FGFR2); Mouse Fibroblast Growth Factor Receptor 2 (FGFR2) ELISA Kit; Keratinocyte growth factor receptor(KGFR); FGFR2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGFR2. No significant cross-reactivity or interference between FGFR2 and analogues was observed.
Sequence Length	840
Samples	Mouse Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	30.1pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGFR2 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 FGFR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFR2 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FGFR2 in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGFR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGFR2. 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 FGFR2, 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 FGFR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	116089349
NCBI GeneID	14183
NCBI Accession #	NP_034337.2
NCBI GenBank Nucleotide #	NM_010207.2
UniProt Accession #	P21803; O55141; Q00389; Q61342
Molecular Weight	79,531 Da
NCBI Official Full Name	fibroblast growth factor receptor 2 isoform IIIc
NCBI Official Synonym Full Names	fibroblast growth factor receptor 2
NCBI Official Symbol	Fgfr2
NCBI Official Synonym Symbols	Bek; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRTr; AU043015; AW556123
NCBI Protein Information	fibroblast growth factor receptor 2
UniProt Protein Name	Fibroblast growth factor receptor 2
UniProt Gene Name	Fgfr2
UniProt Synonym Gene Names	Bek; Ect1; FGFR-2; KGFR

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.