

Human Fibroblast growth factor receptor 1 ELISA Kit | FGFR1 elisa kit

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CATALOG #
AAA17568

REACTIVITY
Human

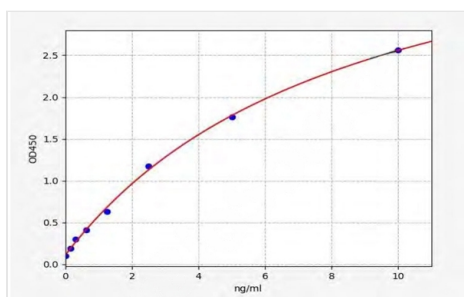
PRODUCT SYNONYMS

Fibroblast growth factor receptor 1; Human Fibroblast growth factor receptor 1 ELISA Kit; FGFR1/CD331/Flt-2/BFGFR/bFGF-R-1/CEK/FGFBR/KAL 2/KAL2/N-SAM/OGD/FGFR-1/FLGH3/FLT2H4/H2/H5/HBGFR/basic fibroblast growth factor receptor 1/CD331 antigen/Fms-like tyrosine kinase 2/fms-related tyrosine kinase 2/heparin-binding growth factor receptor/hydroxyaryl-protein kinase/Proto-oncogene c-Fgr/soluble FGFR1 variant 1/soluble FGFR1 variant 2; FGFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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	819
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFR1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382885
NCBI GeneID	396516
NCBI Accession #	NP_990841.1
NCBI GenBank Nucleotide #	NM_205510.1
Molecular Weight	91,577 Da
NCBI Official Full Name	fibroblast growth factor receptor 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor 1
NCBI Official Symbol	FGFR1
NCBI Protein Information	fibroblast growth factor receptor 1
UniProt Protein Name	Fibroblast growth factor receptor 1
UniProt Gene Name	FGFR1
UniProt Synonym Gene Names	CEK1; FGFR-1; bFGF-R-1
UniProt Entry Name	FGFR1_CHICK

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/fgfr1-human-elisa-kits/fibroblast-growth-factor-receptor-1/17568>