

Human fibroblast growth factor receptor 3 ELISA Kit | FGFR3 elisa kit

Human Fibroblast growth factor receptor 3, FGFR3 ELISA Kit

CATALOG #
AAA112336

REACTIVITY
Human

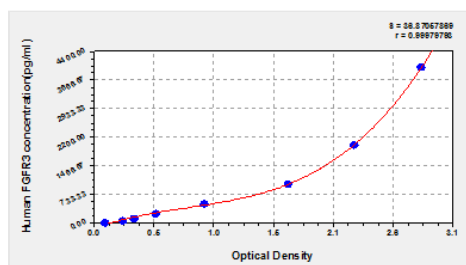
PRODUCT SYNONYMS

fibroblast growth factor receptor 3; Human Fibroblast growth factor receptor 3; FGFR3 ELISA Kit; Human Fibroblast growth factor receptor 3 (FGFR3) ELISA kit; ACH; CD333; CEK2; HSGFR3EX; JTK4; OTTHUMP00000149958; OTTHUMP00000149959; achondroplasia; thanatophoric dwarfism; hydroxyaryl-protein kinase; tyrosine kinase JTK4; FGFR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FGFR3. No significant cross-reactivity or interference between human FGFR3 and analogues was observed.
Sequence Length	806
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFR3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGFR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGFR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGFR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FGFR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503711
NCBI GeneID	2261
NCBI Accession #	NP_000133.1
NCBI GenBank Nucleotide #	NM_000142.4
UniProt Accession #	P22607; Q14308; Q16294; Q16608; Q59FL9; D3DVP9; D3DVQ0
Molecular Weight	87,710 Da
NCBI Official Full Name	fibroblast growth factor receptor 3 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor 3
NCBI Official Symbol	FGFR3
NCBI Official Synonym Symbols	ACH; CEK2; JTK4; CD333; HSGFR3EX
NCBI Protein Information	fibroblast growth factor receptor 3; FGFR-3; tyrosine kinase JTK4; hydroxyaryl-protein kinase; fibroblast growth factor receptor 3 variant 4
UniProt Protein Name	Fibroblast growth factor receptor 3
UniProt Gene Name	FGFR3
UniProt Synonym Gene Names	JTK4; FGFR-3
UniProt Entry Name	FGFR3_HUMAN

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/fgfr3-human-elisa-kits/fibroblast-growth-factor-receptor-3/112336>