

Human Fibroblast Growth Factor Receptor 3 ELISA Kit | FGFR3 elisa kit

Human Fibroblast Growth Factor Receptor 3 ELISA Kit

CATALOG #
AAA97855

REACTIVITY
Human

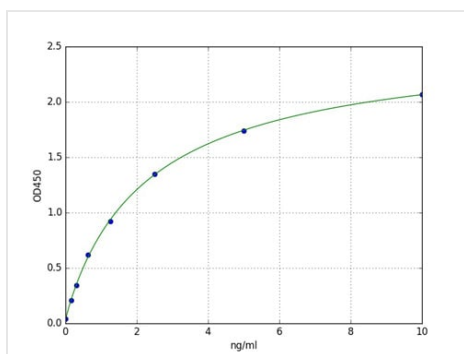
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor 3; Human Fibroblast Growth Factor Receptor 3 ELISA Kit; FGFR3/CD333/CEK/JTK4/EC 2.7.10/fibroblast growth factor receptor 3/HSFGFR3EX/JTK4thanatophoric dwarfism; FGFR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	771
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of Human FGFR3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.105	0.199	0.223	0.481	0.615	1.206	1.715	2.088

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFR3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FGFR3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FGFR3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human FGFR3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FGFR3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20452381
NCBI GeneID	2261
Molecular Weight	85,083 Da
NCBI Official Full Name	fibroblast growth factor receptor 3, partial
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fgfr3-human-elisa-kits/fibroblast-growth-factor-receptor-3/97855>