

Human Fibroblast Growth Factor 8 ELISA Kit | FGF8 elisa kit

Human Fibroblast Growth Factor 8 (FGF8) ELISA Kit

CATALOG #
AAA55676

REACTIVITY
Human

PRODUCT SYNONYMS

Fibroblast Growth Factor 8; Human Fibroblast Growth Factor 8 (FGF8) ELISA Kit; FGF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FGF8. No significant cross-reactivity or interference between Human FGF8 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/mL - 100 pg/mL
Sensitivity	1 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FGF8 elisa kit

Intended Uses: For the quantitative detection of Human Fibroblast Growth Factor 8 (FGF8) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate FGF8 in Human serum, plasma. An antibody specific for FGF8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF8 is added to the wells. After washing, Streptavidin 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 FGF8 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174439
NCBI GeneID	2253
NCBI Accession #	NP_006110.1
NCBI GenBank Nucleotide #	NM_006119.4
UniProt Accession #	P55075; Q14915; Q15766; A1A514

Molecular Weight	27,715 Da
NCBI Official Full Name	fibroblast growth factor 8 isoform B
NCBI Official Synonym Full Names	fibroblast growth factor 8
NCBI Official Symbol	FGF8
NCBI Official Synonym Symbols	HH6; AIGF; KAL6; FGF-8; HBGF-8
NCBI Protein Information	fibroblast growth factor 8
UniProt Protein Name	Fibroblast growth factor 8
UniProt Gene Name	FGF8
UniProt Synonym Gene Names	AIGF; FGF-8; AIGF; HBGF-8

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://www.aaabiotech.com/fgf8-human-elisa-kits/fibroblast-growth-factor-8/55676>