

Mouse Fibroblast Growth Factor Receptor 3, Fgfr3 ELISA Kit | Fgfr3 elisa kit

Mouse Fibroblast Growth Factor Receptor 3, Fgfr3 Primacu ELISA Kit

CATALOG #
AAA124111

REACTIVITY
Mouse

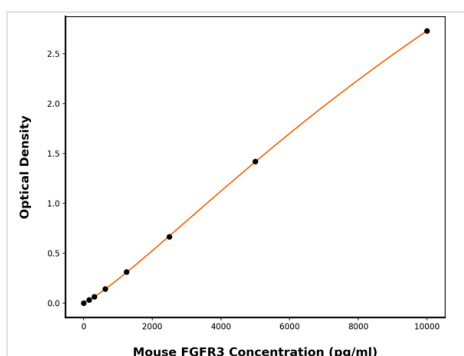
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor 3; Fgfr3; Mouse Fibroblast Growth Factor Receptor 3; Fgfr3 Primacu ELISA Kit; Fibroblast growth factor receptor 3; FGFR3; Mfr3; Sam3; Fgfr3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	156-10000pg/mL
Sensitivity	56.73pg/mL
Standard Solution	100ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Fgfr3 elisa kit	FGFR3, also known as CD333, is a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. FGFR family members differ from one another in their ligand affinities and tissue distribution. FGFRs are transmembrane catalytic receptors that have intracellular tyrosine kinase activity. Mutations in FGFR genes are the cause of several human developmental disorders characterized by skeletal abnormalities such as achondroplasia, and upregulation of FGFR expression may lead to cell transformation and cancer. FGFR3, a full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of FGFR3 interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. FGFR3 binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in FGFR3 gene lead to craniosynostosis and multiple types of skeletal dysplasia. Three alternatively spliced transcript variants that encode different protein isoforms have been described. CD333 is the receptor for acidic and basic fibroblast growth factors. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy
Product Categories/Family for Fgfr3 elisa kit	Primacu ELISA Kit; Signal transduction; Cancer; Cardiovascular; Neuroscience; Stem cells

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q61851
Molecular Weight	87758Da
UniProt Protein Name	Fibroblast growth factor receptor 3
UniProt Gene Name	Fgfr3
UniProt Synonym Gene Names	Mfr3; Sam3; FGFR-3

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/mouse-elisa-kits/fibroblast-growth-factor-receptor-3-fgfr3/124111>