

Rat Fibroblast Growth Factor Receptor 4, Fgfr4 ELISA Kit | Fgfr4 elisa kit

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CATALOG #
AAA124308

REACTIVITY
Rat

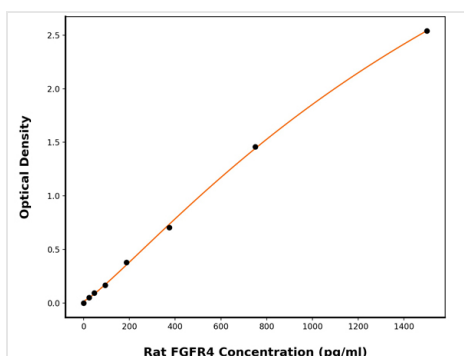
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor 4; Fgfr4; Rat Fibroblast Growth Factor Receptor 4; Fgfr4 Primacu ELISA Kit; Fibroblast growth factor receptor 4; FGFR4; Fgfr4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	23.44-1500pg/mL
Sensitivity	6.93pg/mL
Standard Solution	15ng/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 Fgfr4 elisa kit	Fibroblast growth factor receptor 4 (FGFR4) also known as CD334 antigen or tyrosine kinase related to fibroblast growth factor receptor, is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. 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 FGFR4/CD334 interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. FGFR4/CD334 preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. FGFR4/CD334 signaling is down-regulated by receptor internalization and degradation; MMP14 promotes internalization and degradation of FGFR4/CD334. Mutations in FGFR4/CD334 lead to constitutive kinase activation or impair normal FGFR4 inactivation lead to aberrant signaling.
Product Categories/Family for Fgfr4 elisa kit	Primacu ELISA Kit; Cancer; Cardiovascular; Microbiology; Neuroscience; Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	158186625
NCBI GeneID	25114
NCBI Accession #	NP_001103374.1
NCBI GenBank Nucleotide #	NM_001109904.1
UniProt Accession #	Q498D6
Molecular Weight	88,708 Da
NCBI Official Full Name	fibroblast growth factor receptor 4
NCBI Official Synonym Full Names	fibroblast growth factor receptor 4
NCBI Official Symbol	Fgfr4
NCBI Protein Information	fibroblast growth factor receptor 4
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	Fgfr4
UniProt Synonym Gene Names	FGFR-4
UniProt Entry Name	FGFR4_RAT

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.