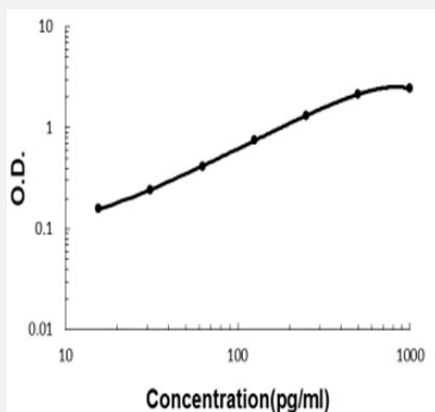


FGFRL1 (Human) ELISA Kit

Catalog # KA5932

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	FGFRL1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human FGFRL1 in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store at 4°C for six months. For long term storage store at -20°C.
Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — FGFR1

Entrez GeneID [53834](#)

Protein Accession# [Q8N441](#)

Gene Name FGFR1

Gene Alias FGFR5, FHFR

Gene Description fibroblast growth factor receptor-like 1

Omim ID [605830](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) 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 the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. A marked difference between this gene product and the other family members is its lack of a cytoplasmic tyrosine kinase domain. The result is a transmembrane receptor that could interact with other family members and potentially inhibit signaling. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. [provided by RefSeq]

Other Designations FGF homologous factor receptor|OTTHUMP00000147526|fibroblast growth factor receptor 5

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Esophageal Neoplasms](#)
- [Hernia](#)
- [Peritoneal Diseases](#)