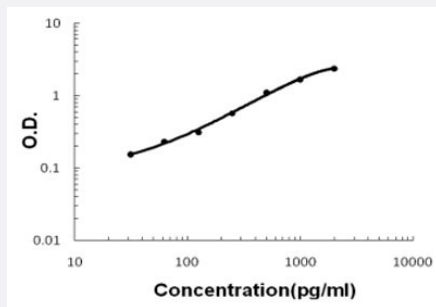


# FGF7 (Human) ELISA Kit

Catalog # KA6162      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

<b>Product Description</b>	FGF7 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human FGF7 in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
<b>Suitable Sample</b>	Cell Culture Supernates, Plasma (Citrate, EDTA, Heparin) and Serum.
<b>Sample Volume</b>	100 $\mu$ L
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	31.2 to 2000 pg/mL
<b>Reactivity</b>	Human
<b>Regulatory Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	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.
<b>Storage Instruction</b>	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — FGF7

Entrez GeneID [2252](#)

Protein Accession# [P21781](#)

Gene Name FGF7

Gene Alias HBGF-7, KGF

Gene Description fibroblast growth factor 7 (keratinocyte growth factor)

Omim ID [148180](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis. [provided by RefSeq]

**Other Designations** fibroblast growth factor 7|heparin-binding growth factor 7|keratinocyte growth factor

## Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)