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FGF7 ELISA Kit





Overview

Quantity:	96 tests
Target:	FGF7
Binding Specificity:	AA 32-194
Reactivity:	Monkey
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of monkey primate FGF7/KGF
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli
	Immunogen sequence: C32-T194
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Epithelial cell.
Target Details	
Target:	FGF7
Alternative Name:	FGF7 (FGF7 Products)

Target Details

Bac	kar	ound:

Protein Function: Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation.

Background: Keratinocyte growth factor is a protein that in humans is encoded by the FGF7 gene. 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 monkey primate and monkey primate homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.

Synonyms: Fibroblast growth factor 7,FGF-7,Heparin-binding growth factor 7,HBGF-

 $7, Ke ratino cyte\ growth\ factor, FGF7, KGF,$

Full Gene Name: Fibroblast growth factor 7

Cellular Localisation: Secreted.

UniProt:

P21781

with wet ice.)

Pathways:

RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway

Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped

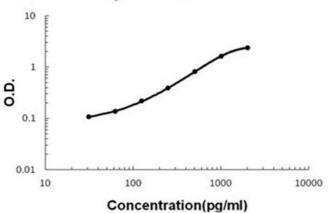
Application Details

Storage Comment:

Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	4 °C,-20 °C

Expiry Date: 12 months

Monkey FGF7/KGF ELISA Kit



ELISA

Image 1. Monkey Primate FGF7/KGF PicoKine ELISA Kit standard curve