Human FGF7/KGF Antibody Pair Set

Catalog No. E-KAB-0523 **Applications** ELISA
Synonyms FGF-7;KGF;HBGF-7

Kit components & Storage

Title	Specifications	Storage
Human FGF7/KGF Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human FGF7/KGF Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

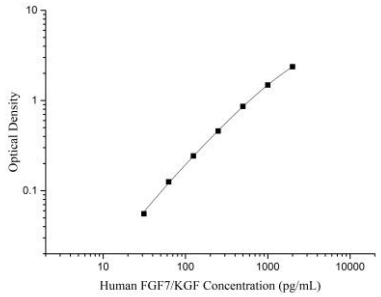
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0523)	
		Human FGF7/KGF Capture Antibody	Human FGF7/KGF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human FGF7/KGF protien	Recombinant Human FGF7/KGF protien
	Swissprot	P21781	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human FGF7/KGF in ELISAs.	

Applications

Human FGF7/KGF Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human FGF7/KGF Capture Antibody	
ELISA Detection	1:1000-1:10000	Human FGF7/KGF Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

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.