Human VEGF-D Antibody Pair Set

Catalog No. E-KAB-0227 **Applications** ELISA
Synonyms FIGF, VEGF-D, VEGFD, C-fos induced growth factor

Kit components & Storage

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

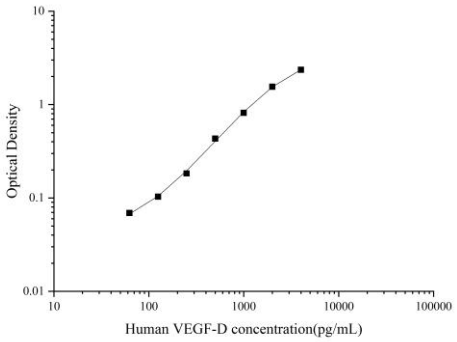
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0227)	
		Human VEGF-D Capture Antibody	Human VEGF-D Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human VEGF-D protein	Recombinant Human VEGF-D protein
	Swissprot	O43915	
Product details	Reactivity	Human	Human
	Host	Goat	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Antigen Affinity	Protein A & Antigen Affinity
	Specificity	Detects Human VEGF-D in ELISAs.	

Applications

Human VEGF-D Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Human VEGF-D Capture Antibody	
ELISA Detection	1:1000-1:10000	Human VEGF-D 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 platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C. Read-through transcription has been observed between this locus and the upstream PIR (GeneID 8544) locus.