Human VEGFR-2/KDR Antibody Pair Set

Catalog No. E-KAB-0472 **Applications** ELISA
Synonyms VEGFR2;CD309;FLK1

Kit components & Storage

Title	Specifications	Storage
Human VEGFR-2/KDR Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human VEGFR-2/KDR 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-0472)	
		Human VEGFR-2/KDR Capture Antibody	Human VEGFR-2/KDR Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human VEGFR-2/KDR protien	Recombinant Human VEGFR-2/KDR protien
	Swissprot	P35968	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	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 VEGFR-2/KDR in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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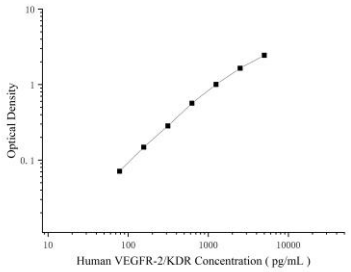
Applications

Human VEGFR-2/KDR Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human VEGFR-2/KDR Capture Antibody	
ELISA Detection	1:1000-1:10000	Human VEGFR-2/KDR Detection Antibody (Biotin)	

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

Background

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor , known as kinase insert domain receptor , is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation , survival , migration , tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors , including Rab GTPase , P2Y purine nucleotide receptor , integrin alphaVbeta3 , T-cell protein tyrosine phosphatase , etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

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