Human VF Antibody Pair Set

Catalog No. E-KAB-0069 **Applications** ELISA

Synonyms Nampt, NAmPRTase, PBEF1, pre-B-cell colony-enhancing factor 1, Nicotinamide Phosphoribosyltransferase

Kit components & Storage

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

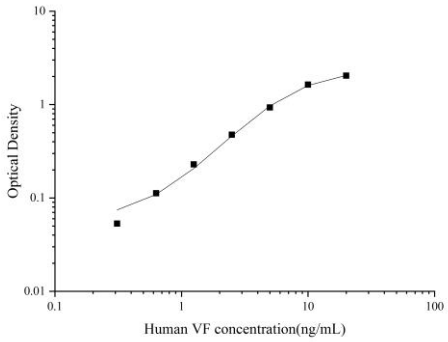
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0069)	
		Human VF Capture Antibody	Human VF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human VF protein	Recombinant Human VF protein
	Swissprot	P43490	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	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	Protein A or G	Protein A or G
	Specificity	Detects Human VF in ELISAs.	

Applications

Human VF Sandwich ELISA Assay:

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

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

Background

Nicotinamide phosphoribosyltransferase(NAMPT) has two usual synonyms termed Visfatin and PBEF. Its primary role is to catalyze the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide,an intermediate in the biosynthesis of NAD,which is the rate limiting component in the mammalian NAD biosynthesis pathway. NAMPT is localized in cytoplasm and expressed in large amounts in bone marrow,liver tissue,and muscle tissues. NAMPT inhibits neutrophil apoptosis in experimental inflammation and clinical sepsis. NAMPT levels are altered in plasma of patients with type 2 diabetes mellitus (T2DM),and it is now evidenced that NAMPT may plays a role in lipid metabolism.