



Vitamin K1 [OVA] (DAGA-1290)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Vitamin K1 conjugated with OVA
Specificity	This product is ELISA-paired with CABT-365R
Species	N/A
Conjugate	OVA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	2 mg
Buffer	0.01M PBS, pH7.4
Preservative	None
Storage	Store at <4°C. Protect from light

BACKGROUND

Introduction	Vitamin K is a group of structurally similar; fat-soluble vitamins the human body requires for complete synthesis of certain proteins that are prerequisites for blood coagulation that the body needs for controlling binding of calcium in bones and other tissues. The vitamin K-related modification of the proteins allows them to bind calcium ions; which they cannot do otherwise. Without vitamin K; blood coagulation is seriously impaired; and uncontrolled bleeding occurs. Low levels of vitamin K also weaken bones and promote calcification of arteries and other soft tissues.
Keywords	VK1; Vitamin K1; phyloquinone; phytomenadione; phytonadione