



## Vitamin K1 [KLH] (DAGA-129K)

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

### PRODUCT INFORMATION

**Antigen Description** 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.

<b>Conjugate</b>	KLH
<b>Applications</b>	Immunogen
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M pH7.4 PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### BACKGROUND

**Keywords** VK1; Vitamin K1; phylloquinone; phytomenadione; phytonadione