



Rabbit Anti-Vitamin K1 Polyclonal Antibody (CABT-365R)

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

PRODUCT INFORMATION

Immunogen	Recombinant Small Molecule, VK1 conjugated to OVA expressed in E.coli.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Store at 4°C for frequent use. Store at -20 °C to -80 °C for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

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;phylloquinone;phytomenadione;phytonadione