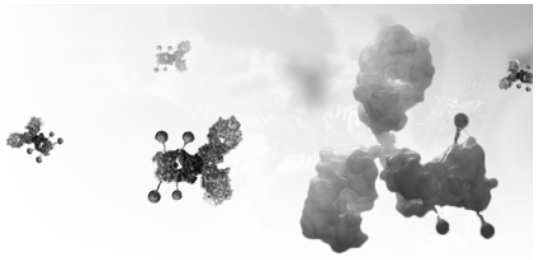

Recombinant Human PIVKA-II (DCP) (DAG-WT1161)

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

PRODUCT INFORMATION

Purity	> 90 % as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	70.0 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	20 mM PB, 150 mM NaCl, pH8.0
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Protein Induced by Vitamin K Absence or Antagonist-II (PIVKA-II), also known as Des-γ-carboxy-prothrombin (DCP), is an abnormal form of prothrombin. Normally, the prothrombin's 10 glutamic acid residues (Glu) in the γ-carboxyglutamic acid (Gla) domain at positions 6, 7, 14, 16, 19, 20,25, 26, 29 and 32 are γ-carboxylated to Gla by vitamin-K dependent γ- glutamyl carboxylase in the liver and then secreted into plasma. In patients with hepatocellular carcinoma (HCC), γ-carboxylation of prothrombin is impaired so that PIVKA-II is formed instead of prothrombin.

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Keywords PIVKA-II; Prothrombin; DCP

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