

Human vitamin K-dependent protein Z ELISA Kit | PROZ elisa kit

Human vitamin K-dependent protein Z, PROZ ELISA Kit

CATALOG #
AAA79708

REACTIVITY
Human

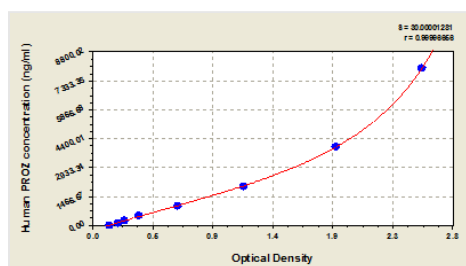
PRODUCT SYNONYMS

vitamin K-dependent protein Z; Human vitamin K-dependent protein Z; PROZ ELISA Kit; Human vitamin K-dependent protein Z (PROZ) ELISA kit; PZ; protein Z; vitamin K-dependent plasma glycoprotein; PROZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PROZ. No significant cross-reactivity or interference between Human PROZ and analogues was observed.
Sequence Length	422
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	125 ng/ml-8000 ng/ml
Sensitivity	31.25 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Blood coagulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROZ elisa kit	For samples: For the quantitative determination of human protein Z concentrations in serum, plasma, tissue homogenates. PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for protein Z has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any protein Z present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for protein Z is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of protein Z bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	371502106
NCBI GeneID	8858
NCBI Accession #	NP_001243063.1
NCBI GenBank Nucleotide #	NM_001256134.1
UniProt Accession #	P22891; Q15213; Q5JVF5; Q5JVF6; A6NMB4
Molecular Weight	44,744 Da
NCBI Official Full Name	vitamin K-dependent protein Z isoform 1
NCBI Official Synonym Full Names	protein Z, vitamin K-dependent plasma glycoprotein
NCBI Official Symbol	PROZ
NCBI Official Synonym Symbols	PZ
NCBI Protein Information	vitamin K-dependent protein Z
UniProt Protein Name	Vitamin K-dependent protein Z
UniProt Gene Name	PROZ
UniProt Entry Name	PROZ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.