

Mouse Protein Z (PROZ) ELISA Kit | PROZ elisa kit

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CATALOG # AAA65535	REACTIVITY Mouse
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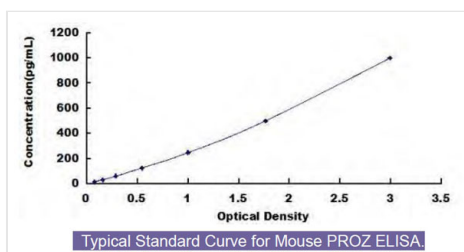
PRODUCT SYNONYMS

Protein Z (PROZ); Mouse Protein Z (PROZ) ELISA Kit; PRO-Z; PZ; Vitamin K Dependent Protein Z; VKDPZ; VKDP-Z; PROZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PROZ. No significant cross-reactivity or interference between PROZ and analogues was observed.
Sequence Length	399
Assay Type	Quantitative Sandwich
Samples	Mouse plasma
Detection Range	15.6-1000pg/mL
Sensitivity	< 6.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PROZ were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PROZ were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROZ elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PROZ. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PROZ. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PROZ, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of PROZ in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PROZ in mouse plasma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13385306
NCBI GeneID	66901
NCBI Accession #	NP_080110.1
NCBI GenBank Nucleotide #	NM_025834.3
UniProt Accession #	Q9CQW3
Molecular Weight	44,304 Da
NCBI Official Full Name	vitamin K-dependent protein Z
NCBI Official Synonym Full Names	protein Z, vitamin K-dependent plasma glycoprotein
NCBI Official Symbol	Proz
NCBI Official Synonym Symbols	1300015B06Rik
NCBI Protein Information	vitamin K-dependent protein Z
UniProt Protein Name	Vitamin K-dependent protein Z
UniProt Gene Name	Proz

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.