

Mouse Protein Z ELISA Kit | Protein Z elisa kit

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CATALOG #
AAA85352

REACTIVITY
Mouse

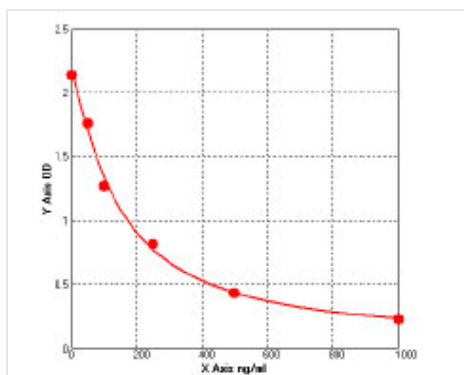
PRODUCT SYNONYMS

Protein Z; Mouse Protein Z ELISA Kit; Mouse Protein Z (Protein Z) ELISA Kit; Protein Z (Mouse); Protein Z elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Protein Z elisa kit

Intended Uses: This PROT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PROT. This ELISA kit for research use only!

Principle of the Assay: PROT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PROT antibody and an PROT-HRP conjugate. The assay sample and buffer are incubated together with PROT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PROT concentration since PROT from samples and PROT-HRP conjugate compete for the anti-PROT antibody binding site. Since the number of sites is limited, as more sites are occupied by PROT from the sample, fewer sites are left to bind PROT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PROT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190466
NCBI GeneID	8858
UniProt Accession #	P22891; Q15213; Q5JVF5; Q5JVF6; A6NMB4
Molecular Weight	44,744 Da
NCBI Official Full Name	protein Z
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; OTTHUMP00000018738; OTTHUMP00000018739
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.