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Datasheet for KOA0829

Mouse PLTP ELISA Kit

Overview

Description:	Mouse PLTP AccuSignal ELISA Kit - KOA0829
Item No.:	KOA0829
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	0.78 ng/ml - 50 ng/ml

Product Details

Background:	Phospholipid transfer protein (PLTP), also known as lipid transfer protein II is a protein that in humans is encoded by the PLTP gene. This gene is mapped to 20q13.12. The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene.
Synonyms:	BPI fold containing family E, BPIFE, HDLCQ9, High density lipoprotein cholesterol level quantitative trait locus 9 included, Lipid transfer protein II, OD107, Phospholipid transfer protein, Plasma phospholipid transfer protein, Pltp, PLTP_HUMAN
Detection Kit Type:	ELISA Kit
Detection Range:	0.78 ng/ml - 50 ng/ml
Sensitivity:	<20 pg/ml

Target Details

Gene Name:	PLTP
Reactivity:	Mouse
Immunogen:	Expression system for standard: NSO; Immunogen sequence: E18-A493
Purity/Specificity:	Natural and recombinant mouse PLTP. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:	• UniProtKB - P55065 • NCBI - NP_035255.1 • GeneID - 18830 • KOA0829 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 50ng/ml, 25ng/ml, 12.5ng/ml, 6.25ng/ml, 3.12ng/ml, 1.56ng/ml, 0.78ng/ml mouse PLTP standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse PLTP standard solution and each sample is measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

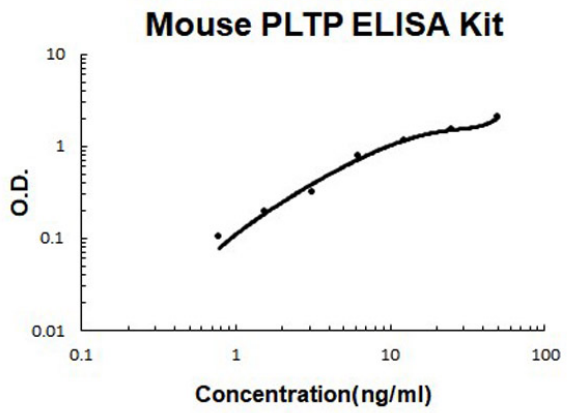
Formulation

Anticoagulant:	Heparin Sodium

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiration:	See kit insert for complete instructions.

Images



ELISA
Mouse PLTP ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.