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Datasheet for KOA0695

Mouse GAS6 ELISA Kit

Overview

Description:	Mouse GAS6 AccuSignal ELISA Kit - KOA0695
Item No.:	KOA0695
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	31.2 pg/ml - 2000 pg/ml

Product Details

Background:	GAS6(Growth arrest-specific 6), also known as AXLLG or AXSF, is a human gene coding for the Gas6 protein. It is mapped to 13q34. GAS6 was originally found as a gene upregulated by growth arrested fibroblasts. This gene product is a gamma-carboxyglutamic acid(Gla)-containing protein which thought to be involved in the stimulation of cell proliferation, and may play a role in thrombosis. What's more, the product of the GAS6 gene, a ligand for the AXL, MER, and TYRO3 tyrosine kinase receptors, is a vitamin K-dependent protein, structurally related to anticoagulant protein S but lacking its anticoagulant activity. This protein also shows great importance in the cardiovascular system.
Synonyms:	AXL receptor tyrosine kinase ligand, AXL stimulatory factor, AXLLG, AXSF, growth arrest specific 6, growth arrest-specific protein 6
Detection Kit Type:	ELISA Kit
Detection Range:	31.2 pg/ml - 2000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	GAS6
Reactivity:	Mouse
Immunogen:	Expression system for standard: NSO; Immunogen sequence: D115-P673
Purity/Specificity:	Natural and recombinant mouse GAS6. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:	• UniProtKB - Q61592 • NCBI - NP_062394.2 • GeneID - 14456 • KOA0695 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 2000pg/ml,1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml mouse GAS6 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. It is recommended that each mouse GAS6 standard solution and each sample be measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

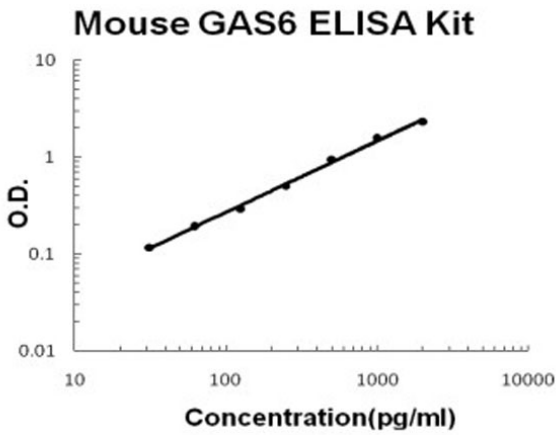
Formulation

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 GAS6 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.