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Datasheet for ABIN6720195

GAS6 ELISA Kit

Overview

Quantity:	1 kit
Target:	GAS6
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: AXL receptor tyrosine kinase ligand, AXL stimulatory factor, AXLLG, AXSF, growth arrest specific 6, growth arrest-specific protein 6</p> <p>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</p>
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Product Details

related to anticoagulant protein S but lacking its anticoagulant activity. This protein also shows great importance in the cardiovascular system.

Gene Name: GAS6

Production: Natural and recombinant mouse GAS6. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D115-P673

Target Details

Target:	GAS6
Alternative Name:	GAS6 (GAS6 Products)
Gene ID:	14456
NCBI Accession:	NP_062394
UniProt:	Q61592
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL 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 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL 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.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Handling

Storage Comment: 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.