

Mouse GAS6 ELISA Kit | GAS6 elisa kit

Mouse GAS6 PicoKine ELISA Kit

CATALOG #
AAA45863

REACTIVITY
Mouse

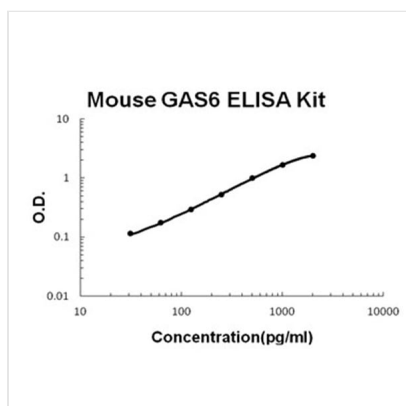
PRODUCT SYNONYMS

GAS6; Mouse GAS6 PicoKine ELISA Kit; Growth arrest-specific protein 6; growth arrest-specific 6; AXL receptor tyrosine kinase ligand; AXL stimulatory factor; AXLLG; AXSF; growth arrest specific 6; growth arrest-specific protein 6; GAS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse GAS6
Sequence Length	674
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse GAS6 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for GAS6 elisa kit	Principle of the assay: mouse GAS6 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for GAS6 has been precoated onto 96-well plates. Standards(NSO, D115-P673) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for GAS6 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse GAS6 amount of sample captured in plate. 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	48427999
NCBI GeneID	14456
UniProt Accession #	Q61592; Q99K57
Molecular Weight	74,610 Da
NCBI Official Full Name	Growth arrest-specific protein 6
NCBI Official Synonym Full Names	growth arrest specific 6
NCBI Official Symbol	Gas6
NCBI Official Synonym Symbols	Gas-6
NCBI Protein Information	growth arrest-specific protein 6; GAS 6; AXL receptor tyrosine kinase ligand
UniProt Protein Name	Growth arrest-specific protein 6
UniProt Gene Name	Gas6
UniProt Synonym Gene Names	GAS-6
UniProt Entry Name	GAS6_MOUSE

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.