

Rat Growth Arrest Specific Protein 6 (GAS6) ELISA Kit | GAS6 elisa kit

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CATALOG #
AAA136736

REACTIVITY
Rat

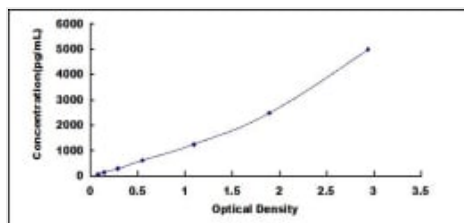
PRODUCT SYNONYMS

Growth Arrest Specific Protein 6 (GAS6); Rat Growth Arrest Specific Protein 6 (GAS6) ELISA Kit; AXLLG; AXSF; AXL Stimulatory Factor; AXL receptor tyrosine kinase ligand; GAS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Growth Arrest Specific Protein 6 (GAS6). No significant cross-reactivity or interference between Growth Arrest Specific Protein 6 (GAS6) and analogues was observed.
Sequence Length	678
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.32ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Growth Arrest Specific Protein 6 (GAS6) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Growth Arrest Specific Protein 6 (GAS6) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAS6 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Growth Arrest Specific Protein 6 (GAS6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Growth Arrest Specific Protein 6 (GAS6). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Growth Arrest Specific Protein 6 (GAS6), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Growth Arrest Specific Protein 6 (GAS6) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for GAS6 elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557617
NCBI GeneID	2621
NCBI Accession #	NP_000811.1
NCBI GenBank Nucleotide #	NM_000820.3
UniProt Accession #	Q14393; Q6IMN1; Q7Z7N3; B3KRQ7; B3KVL4; E9PBL7
Molecular Weight	41,986 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	AXSF; AXLLG
NCBI Protein Information	growth arrest-specific protein 6
UniProt Protein Name	Growth arrest-specific protein 6
UniProt Gene Name	GAS6
UniProt Synonym Gene Names	AXLLG; GAS-6
UniProt Entry Name	GAS6_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/growth-arrest-specific-protein-6-gas6/136736>