

Human GAS1 ELISA Kit | GAS1 elisa kit

Human GAS1 PicoKine ELISA Kit

CATALOG #
AAA125251

REACTIVITY
Human

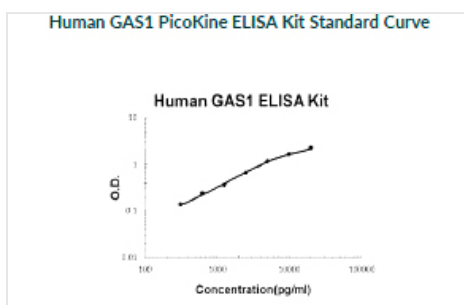
PRODUCT SYNONYMS

GAS1; Human GAS1 PicoKine ELISA Kit; Human GAS1; growth arrest specific 1; Growth arrest-specific protein 1; GAS-1; GAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human GAS1
Sequence Length	345
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	312pg/ml-20000pg/ml
Sensitivity	<50pg/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 across 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAS1 elisa kit	Principle of the Assay: The Picokine™ Human GAS1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human GAS1 with a 96-well strip plate that is pre-coated with antibody specific for GAS1. The detection antibody is a biotinylated antibody specific for GAS1. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human GAS1 with immunogen: Expression system for standard: NSO, Immunogen sequence: L40-S318. The kit is analytically validated with ready to use reagents. To measure Human GAS1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human GAS1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human GAS1 in the sample.!!Background/Introduction: Growth arrest-specific protein 1 is a protein that in humans is encoded by the GAS1 gene. This gene is mapped to 9q21.33. Growth arrestspecific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167466169
NCBI GeneID	2619
NCBI Accession #	NP_002039.2
NCBI GenBank Nucleotide #	NP_002039.2
UniProt Accession #	P54826
NCBI Official Full Name	growth arrest-specific protein 1
NCBI Official Synonym Full Names	growth arrest specific 1
NCBI Official Symbol	GAS1
NCBI Protein Information	growth arrest-specific protein 1
UniProt Protein Name	Growth arrest-specific protein 1
UniProt Gene Name	GAS1
UniProt Synonym Gene Names	GAS-1
UniProt Entry Name	GAS1_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.