

Chicken Growth Arrest-Specific Protein 1 ELISA Kit | GAS1 elisa kit

Chicken Growth Arrest-Specific Protein 1 ELISA Kit

CATALOG #
AAA247549

REACTIVITY
Chicken

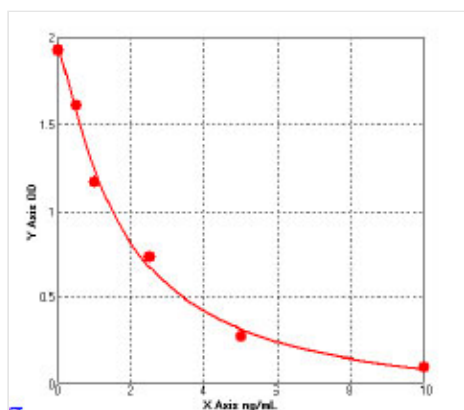
PRODUCT SYNONYMS

Growth Arrest-Specific Protein 1; Chicken Growth Arrest-Specific Protein 1 ELISA Kit; GAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of GAS1. No significant cross-reactivity or interference between GAS1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAS1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	345
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store at 2-8 degree C. 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAS1 elisa kit	Intended Uses: This GAS1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GAS1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GAS1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-GAS1 antibody and an GAS1-HRP conjugate. The assay sample and buffer are incubated together with GAS1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GAS1 concentration since GAS1 from samples and GAS1-HRP conjugate compete for the anti-GAS1 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAS1 from the sample, fewer sites are left to bind GAS1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAS1 concentration in each sample is interpolated from this standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466169
NCBI GeneID	2619
NCBI Accession #	NP_002039.2
NCBI GenBank Nucleotide #	NM_002048.3
UniProt Accession #	P54826; Q6B086; B9EGM4
Molecular Weight	35,693 Da
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gas1-chicken-elisa-kits/growth-arrest-specific-protein-1/247549>