Bovine Androgen Induced Protein 1 ELISA Kit | AIG1 elisa kit

Bovine Androgen Induced Protein 1 ELISA Kit

CATALOG #	REACTIVITY
AAA96529	**Bovine**

PRODUCT SYNONYMS

Androgen Induced Protein 1; Bovine Androgen Induced Protein 1 ELISA Kit; AIG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This AIG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine AIG1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIG1 elisa kit	**Principle of the Assay:** AIG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AIG1 antibody and an AIG1-HRP conjugate. The assay sample and buffer are incubated together with AIG1-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 AIG1 concentration since AIG1 from samples and AIG1-HRP conjugate compete for the anti-AIG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AIG1 from the sample, fewer sites are left to bind AIG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AIG1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AIG1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	483502843
UniProt Accession #	Q9NVV5; Q5T2H2; Q6N047; Q7Z378; Q8TB14; Q9Y3A9; Q9Y5B4; B4DPX2; C9J569

Molecular Weight	15,342 Da
NCBI Official Full Name	Androgen-induced protein 1, partial
UniProt Protein Name	Androgen-induced gene 1 protein
UniProt Gene Name	**AIG1**
UniProt Synonym Gene Names	CGI-103; AIG-1
UniProt Entry Name	AIG1_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/aig1-bovine-ovine-elisa-kits/androgen-induced-protein-1/96529