

Chicken Rho GDP Dissociation Inhibitor Alpha ELISA Kit | ARHGD1a elisa kit

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CATALOG #
AAA93674

REACTIVITY
Chicken

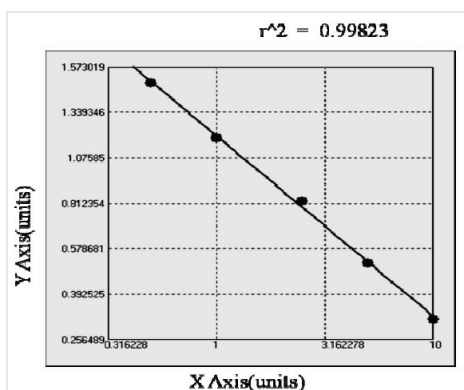
PRODUCT SYNONYMS

Rho GDP Dissociation Inhibitor Alpha; Chicken Rho GDP Dissociation Inhibitor Alpha ELISA Kit; ARHGD1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARHGD1a elisa kit

Intended Uses: This ARHGD1a ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ARHGD1a. This ELISA kit for research use only!

Principle of the Assay: ARHGD1a ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ARHGD1a antibody and an ARHGD1a-HRP conjugate. The assay sample and buffer are incubated together with ARHGD1a-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 ARHGD1a concentration since ARHGD1a from samples and ARHGD1a-HRP conjugate compete for the anti-ARHGD1a antibody binding site. Since the number of sites is limited, as more sites are occupied by ARHGD1a from the sample, fewer sites are left to bind ARHGD1a-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARHGD1a concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145671
NCBI GeneID	396
UniProt Accession #	P52565; Q6IBM5; B2R5X1
Molecular Weight	23,207 Da
NCBI Official Full Name	ARHGDIA
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor (GDI) alpha
NCBI Official Symbol	ARHGDIA
NCBI Official Synonym Symbols	GDIA1; RHOGDI; RHOGDI-1
NCBI Protein Information	rho GDP-dissociation inhibitor 1; rho GDI 1; rho-GDI alpha
UniProt Protein Name	Rho GDP-dissociation inhibitor 1
UniProt Gene Name	ARHGDIA
UniProt Synonym Gene Names	GDIA1; Rho GDI 1
UniProt Entry Name	GDIR1_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/arhgdia-chicken-elisa-kits/rho-gdp-dissociation-inhibitor-alpha/93674>