

Human Rho GDP Dissociation Inhibitor Alpha ELISA Kit | ARHGDla elisa kit

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CATALOG # AAA85745	REACTIVITY Human
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PRODUCT SYNONYMS

Rho GDP Dissociation Inhibitor Alpha; Human Rho GDP Dissociation Inhibitor Alpha ELISA Kit; ARHGDla elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARHGDIA. No significant cross-reactivity or interference between ARHGDIA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARHGDIA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 ARHGDla elisa kit	Principle of the Assay: ARHGDIA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ARHGDIA. Standards or samples are then added to the microtiter plate wells and ARHGDIA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ARHGDIA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ARHGDIA are added to each well to "sandwich" the ARHGDIA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ARHGDIA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARHGDIA concentration in each sample is interpolated from this standard curve. Intended Uses: This ARHGDIA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARHGDIA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ARHGDla elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145671
NCBI GeneID	396
UniProt Accession #	P52565; Q6IBM5; A8MXW0; B2R5X1; B4DDD3; B4DUV9
Molecular Weight	18,233 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; NPHS8; RHOGDI; RHOGDI-1; HEL-S-47e
NCBI Protein Information	rho GDP-dissociation inhibitor 1; GDP-dissociation inhibitor, aplysia RAS-related 1; epididymis secretory sperm binding protein Li 47e
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-human-elisa-kits/rho-gdp-dissociation-inhibitor-alpha/85745>