

Human Rho GDP dissociation inhibitor (GDI) beta ELISA Kit | ARHGDIB elisa kit

Human Rho GDP-dissociation inhibitor 2, ARHGDIB ELISA Kit

CATALOG #
AAA112250

REACTIVITY
Human

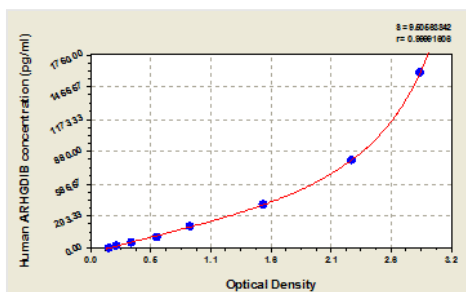
PRODUCT SYNONYMS

Rho GDP dissociation inhibitor (GDI) beta; Human Rho GDP-dissociation inhibitor 2; ARHGDIB ELISA Kit; Human Rho GDP-dissociation inhibitor 2 (ARHGDIB) ELISA kit; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2; Rho GDI 2; Rho GDP-dissociation inhibitor 2; ARHGDIB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ARHGDIB. No significant cross-reactivity or interference between Human ARHGDIB and analogues was observed.
Sequence Length	201
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARHGDIB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ARHGDIB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ARHGDIB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ARHGDIB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ARHGDIB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56676393
NCBI GeneID	397
NCBI Accession #	NP_001166.3
NCBI GenBank Nucleotide #	NM_001175.5
UniProt Accession #	P52566; B5BU79
Molecular Weight	22,988 Da
NCBI Official Full Name	rho GDP-dissociation inhibitor 2
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor (GDI) beta
NCBI Official Symbol	ARHGDIB
NCBI Official Synonym Symbols	D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
NCBI Protein Information	rho GDP-dissociation inhibitor 2; Rho GDI 2; rho-GDI beta
UniProt Protein Name	Rho GDP-dissociation inhibitor 2
UniProt Gene Name	ARHGDIB
UniProt Synonym Gene Names	GDIA2; GDID4; RAP1GN1; Rho GDI 2
UniProt Entry Name	GDIR2_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/arhgdib-human-elisa-kits/rho-gdp-dissociation-inhibitor-gdi-beta/112250>