

Human Rho GDP Dissociation Inhibitor Beta (ARHGD1b) ELISA Kit | ARHGD1b elisa kit

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CATALOG #
AAA138158

REACTIVITY
Human

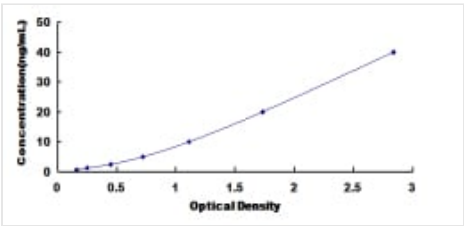
PRODUCT SYNONYMS

Rho GDP Dissociation Inhibitor Beta (ARHGD1b); Human Rho GDP Dissociation Inhibitor Beta (ARHGD1b) ELISA Kit; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2; ARHGD1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Rho GDP Dissociation Inhibitor Beta (ARHGD1b). No significant cross-reactivity or interference between Rho GDP Dissociation Inhibitor Beta (ARHGD1b) and analogues was observed.
Sequence Length	201
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	0.241ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Rho GDP Dissociation Inhibitor Beta (ARHGD1b) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Rho GDP Dissociation Inhibitor Beta (ARHGD1b) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARHGD1b elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rho GDP Dissociation Inhibitor Beta (ARHGD1b). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Rho GDP Dissociation Inhibitor Beta (ARHGD1b). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rho GDP Dissociation Inhibitor Beta (ARHGD1b), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Rho GDP Dissociation Inhibitor Beta (ARHGD1b) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ARHGD1b elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	20379030
NCBI GeneID	397
UniProt Accession #	P52566; B5BU79
Molecular Weight	22,988 Da
NCBI Official Full Name	Rho GDP dissociation inhibitor beta
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor (GDI) beta
NCBI Official Symbol	ARHGD1B
NCBI Official Synonym Symbols	D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
NCBI Protein Information	rho GDP-dissociation inhibitor 2
UniProt Protein Name	Rho GDP-dissociation inhibitor 2
UniProt Gene Name	ARHGD1B
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.