

Human Rab GDP dissociation inhibitor alpha ELISA Kit | GDI1 elisa kit

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CATALOG #
AAA193842

REACTIVITY
Human

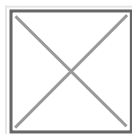
PRODUCT SYNONYMS

Rab GDP dissociation inhibitor alpha; Human Rab GDP dissociation inhibitor alpha ELISA Kit; Rab GDI alpha; Guanosine diphosphate dissociation inhibitor 1; GDI-1; Oligophrenin-2; Protein XAP-4; GDI1; GDIL; OPHN2; RABGDIA; XAP4; GDI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Rab GDP dissociation inhibitor alpha,Rab GDI
Sequence Length	447
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.403 ng/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDI1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503971

NCBI GeneID	2664
NCBI Accession #	NP_001484.1
NCBI GenBank Nucleotide #	NM_001493.2
UniProt Accession #	P31150; P50394; Q6FG50; Q7Z2G6; Q7Z2G9; Q7Z2H5; Q7Z2I6
Molecular Weight	50,583 Da
NCBI Official Full Name	rab GDP dissociation inhibitor alpha
NCBI Official Synonym Full Names	GDP dissociation inhibitor 1
NCBI Official Symbol	GDI1
NCBI Official Synonym Symbols	1A; GDIL; MRX41; MRX48; OPHN2; XAP-4; RABGD1A; RABGDIA
NCBI Protein Information	rab GDP dissociation inhibitor alpha
UniProt Protein Name	Rab GDP dissociation inhibitor alpha
UniProt Gene Name	GDI1
UniProt Synonym Gene Names	GDIL; OPHN2; RABGDIA; XAP4; Rab GDI alpha; GDI-1
UniProt Entry Name	GDIA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/gdi1-human-elisa-kits/rab-gdp-dissociation-inhibitor-alpha/193842>