

Goat GDP Dissociation Inhibitor 1 ELISA Kit | GDI1 elisa kit

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CATALOG #
AAA92937

REACTIVITY
Goat

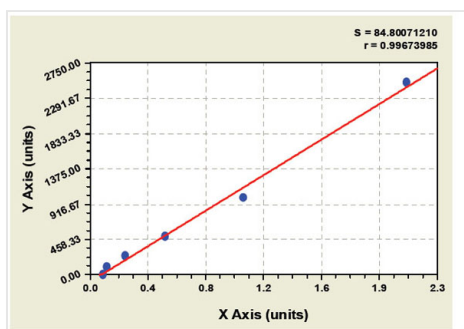
PRODUCT SYNONYMS

GDP Dissociation Inhibitor 1; Goat GDP Dissociation Inhibitor 1 ELISA Kit; GDI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This GDI1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat GDI1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDI1 elisa kit

Principle of the Assay: GDI1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GDI1. Standards or samples are then added to the microtiter plate wells and GDI1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GDI1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GDI1 are added to each well to "sandwich" the GDI1 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 GDI1 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 GDI1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GDI1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457546
NCBI GeneID	2664
UniProt Accession #	P31150; P50394; Q6FG50; Q7Z2G6; Q7Z2G9; Q7Z2H5; Q7Z2I6
Molecular Weight	50,583 Da
NCBI Official Full Name	GDI1, partial
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; GDI-1; protein XAP-4; rab GDI alpha; oligophrenin-2; mental retardation, X-linked 48; rab GDP-dissociation inhibitor, alpha; guanosine diphosphate dissociation inhibitor 1
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.

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Online datasheet: <https://stage.aaabiotech.com/gdi1-goat-elisa-kits/gdp-dissociation-inhibitor-1/92937>