

Human Geranylgeranyl transferase type 2 subunit Alpha ELISA Kit | RABGGTA elisa kit

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CATALOG #
AAA247036

REACTIVITY
Human

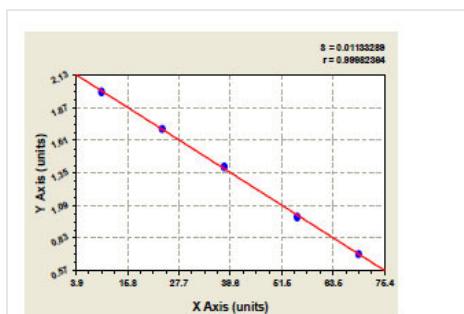
PRODUCT SYNONYMS

Geranylgeranyl transferase type 2 subunit Alpha; Human Geranylgeranyl transferase type 2 subunit Alpha ELISA Kit; RABGGTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for RABGGTA elisa kit

Intended Uses||This RABGGTa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RABGGTa. This ELISA kit for research use only!

Principle of the Assay: RABGGTa ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-RABGGTa antibody and an RABGGTa-HRP conjugate. The assay sample and buffer are incubated together with RABGGTa-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RABGGTa concentration since RABGGTa from samples and RABGGTa-HRP conjugate compete for the anti-RABGGTa antibody binding site. Since the number of sites is limited, as more sites are occupied by RABGGTa from the sample, fewer sites are left to bind RABGGTa-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RABGGTa concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33469951
NCBI GeneID	5875
NCBI Accession #	NP_878256.1
NCBI GenBank Nucleotide #	NM_182836.2
Molecular Weight	65,072 Da
NCBI Official Full Name	geranylgeranyl transferase type-2 subunit alpha
NCBI Official Synonym Full Names	Rab geranylgeranyltransferase, alpha subunit
NCBI Official Symbol	RABGGTA
NCBI Official Synonym Symbols	PTAR3
NCBI Protein Information	geranylgeranyl transferase type-2 subunit alpha; Rab GGTase alpha; Rab GG transferase alpha; rab geranyl-geranyltransferase subunit alpha; geranylgeranyl transferase type II subunit alpha; protein prenyltransferase alpha subunit repeat containing 3
UniProt Protein Name	Geranylgeranyl transferase type-2 subunit alpha
UniProt Gene Name	RABGGTA
UniProt Synonym Gene Names	Rab GG transferase alpha; Rab GGTase alpha
UniProt Entry Name	PGTA_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://www.aaabiotech.com/human-elisa-kits/geranylgeranyl-transferase-type-2-subunit-alpha/247036>