

Human Rho GTPase-activating protein 21 ELISA Kit | ARHGAP21 elisa kit

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CATALOG #
AAA99425

REACTIVITY
Human

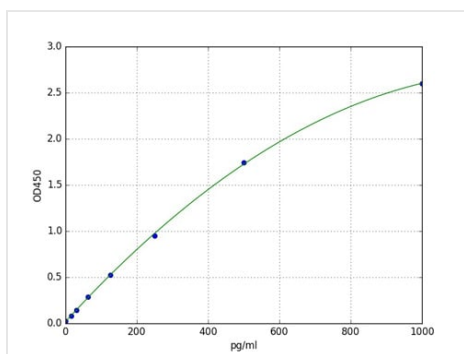
PRODUCT SYNONYMS

Rho GTPase-activating protein 21; Human Rho GTPase-activating protein 21 ELISA Kit; ARHGAP21/Rho GTPase-activating protein 21/Rho GTPase-activating protein 10/Rho-type GTPase-activating protein 21; ARHGAP21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1958
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a ARHGAP21 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.003	0.040	0.089	0.162	0.380	0.827	1.453	2.545

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARHGAP21 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ARHGAP21 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ARHGAP21 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ARHGAP21 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ARHGAP21 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	203097003
NCBI GeneID	57584
NCBI Accession #	NP_065875.3
NCBI GenBank Nucleotide #	NM_020824.3
Molecular Weight	129,244 Da
NCBI Official Full Name	rho GTPase-activating protein 21
NCBI Official Synonym Full Names	Rho GTPase activating protein 21
NCBI Official Symbol	ARHGAP21
NCBI Official Synonym Symbols	ARHGAP10
NCBI Protein Information	rho GTPase-activating protein 21
UniProt Protein Name	Rho GTPase-activating protein 21
UniProt Gene Name	ARHGAP21
UniProt Synonym Gene Names	ARHGAP10; KIAA1424
UniProt Entry Name	RHG21_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/arhgap21-human-elisa-kits/rho-gtpase-activating-protein-21/99425>