

Human RGS6 (Regulator of G-protein signaling 6) ELISA Kit | RGS6 elisa kit

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CATALOG #
AAA249673

REACTIVITY
Human

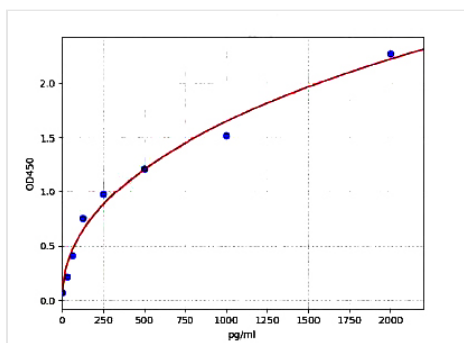
PRODUCT SYNONYMS

RGS6 (Regulator of G-protein signaling 6); Human RGS6 (Regulator of G-protein signaling 6) ELISA Kit; Regulator of G-protein signaling 6; RGS6; S914; RGS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RGS6. No significant cross-reactivity or interference between RGS6 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RGS6 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325053674
NCBI GeneID	9628
NCBI Accession #	NP_001191345
NCBI GenBank Nucleotide #	NM_004296
UniProt Accession #	P49758; O75576; O75577; Q7Z4K3; Q7Z4K4; Q7Z4K5; Q7Z4K6; Q8TE13; Q8TE14; Q8TE15; C9JE95; F8W7W5
Molecular Weight	53,319 Da
NCBI Official Full Name	regulator of G-protein signaling 6 isoform 1
NCBI Official Synonym Full Names	regulator of G-protein signaling 6
NCBI Official Symbol	RGS6
NCBI Official Synonym Symbols	GAP
NCBI Protein Information	regulator of G-protein signaling 6; GTPase activating protein; H_DJ1108A12.1; S914; WUGSC:H_DJ0283M22.1; WUGSC:H_DJ1108A12.1; regulator of G-protein signalling 6
UniProt Protein Name	Regulator of G-protein signaling 6
UniProt Gene Name	RGS6
UniProt Synonym Gene Names	RGS6
UniProt Entry Name	RGS6_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/human-elisa-kits/rgs6-regulator-of-g-protein-signaling-6/249673>