

Human RASGRP3 (Ras guanyl-releasing protein 3) ELISA Kit | RASGRP3 elisa kit

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CATALOG #
AAA249290

REACTIVITY
Human

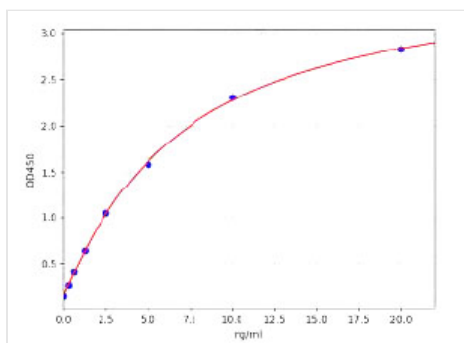
PRODUCT SYNONYMS

RASGRP3 (Ras guanyl-releasing protein 3); Human RASGRP3 (Ras guanyl-releasing protein 3) ELISA Kit; GRP3; KIAA0846; Ras guanyl releasing protein 3; RASGRP3; RASGRP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RASGRP3. No significant cross-reactivity or interference between RASGRP3 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	0.313-20ng/ml
Sensitivity	0.188ng/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 RASGRP3 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 #	213385270
NCBI GeneID	25780
NCBI Accession #	NP_001132960
NCBI GenBank Nucleotide #	NM_001139488
UniProt Accession #	Q8IV61; O94931; Q53SD7; D6W583
Molecular Weight	78,203 Da
NCBI Official Full Name	ras guanyl-releasing protein 3 isoform 1
NCBI Official Synonym Full Names	RAS guanyl releasing protein 3 (calcium and DAG-regulated)
NCBI Official Symbol	RASGRP3
NCBI Official Synonym Symbols	GRP3
NCBI Protein Information	ras guanyl-releasing protein 3; calcium and DAG-regulated guanine nucleotide exchange factor III; guanine nucleotide exchange factor for Rap1
UniProt Protein Name	Ras guanyl-releasing protein 3
UniProt Gene Name	RASGRP3
UniProt Synonym Gene Names	GRP3; KIAA0846
UniProt Entry Name	GRP3_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/rasgrp3-ras-guanyl-releasing-protein-3/249290>