

Guinea Pig Ras GTPase Activating Protein ELISA Kit | RasGAP elisa kit

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CATALOG #
AAA85375

REACTIVITY
Guinea Pig

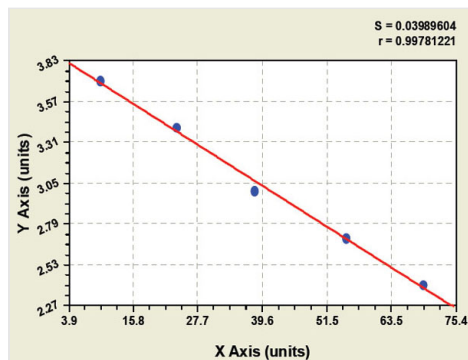
PRODUCT SYNONYMS

Ras GTPase Activating Protein; Guinea pig Ras GTPase Activating Protein ELISA Kit; RasGAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This RasGAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig RasGAP. 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 RasGAP elisa kit

Principle of the Assay: RasGAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RasGAP antibody and an RasGAP-HRP conjugate. The assay sample and buffer are incubated together with RasGAP-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 RasGAP concentration since RasGAP from samples and RasGAP-HRP conjugate compete for the anti-RasGAP antibody binding site. Since the number of sites is limited, as more sites are occupied by RasGAP from the sample, fewer sites are left to bind RasGAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RasGAP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	108884322
Molecular Weight	106,694 Da
NCBI Official Full Name	AAEL000450-PA
UniProt Protein Name	AAEL000450-PA
UniProt Entry Name	Q17P86_AEDAE

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/rasgap-guinea-pig-pig-elisa-kits/ras-gtpase-activating-protein/85375>