

Mouse RasGAP ELISA Kit | RasGAP elisa kit

Mouse RasGAP (Ras GTPase Activating Protein) ELISA Kit

CATALOG #
AAA164515

REACTIVITY
Mouse

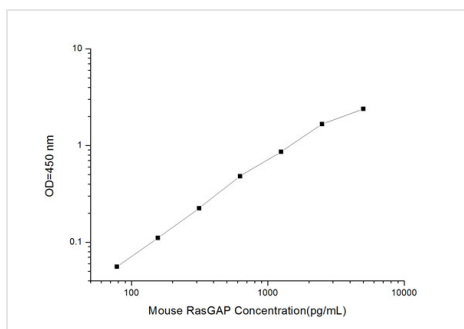
PRODUCT SYNONYMS

RasGAP; Mouse RasGAP (Ras GTPase Activating Protein) ELISA Kit; RasGAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse RasGAP. No significant cross-reactivity or interference between Mouse RasGAP and analogues was observed.
Sequence Length	1047
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RasGAP elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseRasGAPconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to RasGAP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RasGAPand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain RasGAP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of RasGAP.You can calculate the concentration of RasGAPin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506431
NCBI GeneID	5921
NCBI Accession #	NP_002881.1
NCBI GenBank Nucleotide #	NM_002890.2
UniProt Accession #	P20936; Q68CU6; Q9UDI1; B2R6W3; B4DTL2
Molecular Weight	101,546 Da
NCBI Official Full Name	ras GTPase-activating protein 1 isoform 1
NCBI Official Synonym Full Names	RAS p21 protein activator (GTPase activating protein) 1
NCBI Official Symbol	RASA1
NCBI Official Synonym Symbols	GAP; PKWS; RASA; CMAVM; CM-AVM; RASGAP; p120GAP; p120RASGAP
NCBI Protein Information	ras GTPase-activating protein 1; triphosphatase-activating protein
UniProt Protein Name	Ras GTPase-activating protein 1
UniProt Gene Name	RASA1
UniProt Synonym Gene Names	GAP; RASA; GAP; GTPase-activating protein; RasGAP
UniProt Entry Name	RASA1_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.