

Human SYNGAP1 (Synaptic Ras GTPase-activating protein 1) ELISA Kit | SYNGAP1 elisa kit

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CATALOG # AAA249303	REACTIVITY Human
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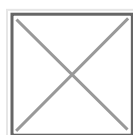
PRODUCT SYNONYMS

SYNGAP1 (Synaptic Ras GTPase-activating protein 1); Human SYNGAP1 (Synaptic Ras GTPase-activating protein 1) ELISA Kit; KIAA1938; MRD5; Neuronal RasGAP; RASA1; RASA5; Synaptic Ras GAP 1; SYNGAP; SYNGAP1; SYNGAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SYNGAP1. No significant cross-reactivity or interference between SYNGAP1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	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 SYNGAP1 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 #	150421676
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NCBI GeneID	8831
UniProt Accession #	Q96PV0; Q8TCS2; Q9UGE2; A2AB17; A2BEL6; A2BEL7; A8MQC4
Molecular Weight	1343
NCBI Official Full Name	Ras/Rap GTPase-activating protein SynGAP
NCBI Official Synonym Full Names	synaptic Ras GTPase activating protein 1
NCBI Official Symbol	SYNGAP1
NCBI Official Synonym Symbols	MRD5; RASA1; RASA5; SYNGAP
NCBI Protein Information	ras/Rap GTPase-activating protein SynGAP; neuronal RasGAP; Ras GTPase-activating protein SynGAP; synaptic Ras GTPase-activating protein 1; synaptic Ras GTPase activating protein, 135kDa; synaptic Ras GTPase activating protein 1 homolog
UniProt Protein Name	Ras/Rap GTPase-activating protein SynGAP
UniProt Gene Name	SYNGAP1
UniProt Synonym Gene Names	KIAA1938; Synaptic Ras-GAP 1
UniProt Entry Name	SYGP1_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/syngap1-synaptic-ras-gtpase-activating-protein-1/249303>