

Human Ras GTPase-activating-like protein IQGAP1 ELISA Kit | IQGAP1 elisa kit

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CATALOG #
AAA102303

REACTIVITY
Human

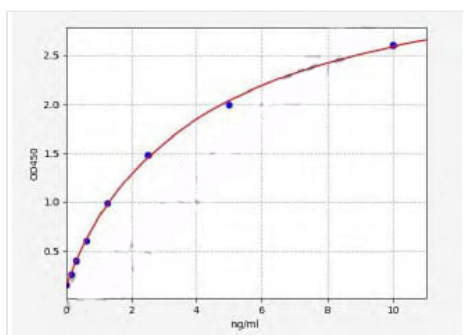
PRODUCT SYNONYMS

Ras GTPase-activating-like protein IQGAP1; Human Ras GTPase-activating-like protein IQGAP1 ELISA Kit; IQGAP1 (Ras GTPase-activating-like protein IQGAP1)/RasGAP/SAR1/HUMORFA01/IQ motif containing GTPase activating protein 1/KIAA0051/ras GTPase-activating-like protein IQGAP1/RasGAP-like with IQ motifs; IQGAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IQGAP1. No significant cross-reactivity or interference between IQGAP1 and analogues was observed.
Sequence Length	1657
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 IQGAP1 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 #	4506787
NCBI GeneID	8826
NCBI Accession #	NP_003861.1
NCBI GenBank Nucleotide #	NM_003870.3
Molecular Weight	189,252 Da
NCBI Official Full Name	ras GTPase-activating-like protein IQGAP1
NCBI Official Synonym Full Names	IQ motif containing GTPase activating protein 1
NCBI Official Symbol	IQGAP1
NCBI Official Synonym Symbols	SAR1; p195; HUMORFA01
NCBI Protein Information	ras GTPase-activating-like protein IQGAP1
UniProt Protein Name	Ras GTPase-activating-like protein IQGAP1
UniProt Gene Name	IQGAP1
UniProt Synonym Gene Names	KIAA0051
UniProt Entry Name	IQGA1_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://www.aaabiotech.com/human-elisa-kits/ras-gtpase-activating-like-protein-iqgap1/102303>