

Human Ras-Related C3 Botulin Toxin Substrate 1 (RAC1) ELISA Kit | RAC1 elisa kit

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CATALOG #
AAA44024

REACTIVITY
Human

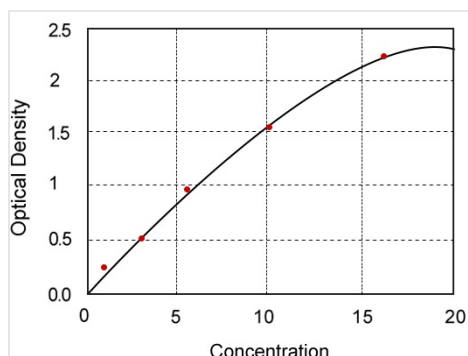
PRODUCT SYNONYMS

Ras-Related C3 Botulin Toxin Substrate 1 (RAC1); Human Ras-Related C3 Botulin Toxin Substrate 1 (RAC1) ELISA Kit; RAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	192
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.093ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAC1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Ras-Related C3 Botulin Toxin Substrate 1 (also known as RAC1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human RAC1 antibody. RAC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human RAC1 Antibody is added and binds to RAC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RAC1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human RAC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845511
NCBI GeneID	5879
NCBI Accession #	NP_008839.2
NCBI GenBank Nucleotide #	NM_006908.4
UniProt Accession #	P63000; O95501; P15154; Q3Y4D3; Q5JAA8; Q9BTB4
Molecular Weight	23,467 Da
NCBI Official Full Name	ras-related C3 botulinum toxin substrate 1 isoform Rac1
NCBI Official Synonym Full Names	Rac family small GTPase 1
NCBI Official Symbol	RAC1
NCBI Official Synonym Symbols	MIG5; MRD48; Rac-1; TC-25; p21-Rac1
NCBI Protein Information	ras-related C3 botulinum toxin substrate 1
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 1
UniProt Gene Name	RAC1
UniProt Synonym Gene Names	TC25

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/ras-related-c3-botulin-toxin-substrate-1-rac1/44024>