Human RAC1/Ras-Related C3 Botulinum Toxin Substrate 1 ELISA Kit | RAC1 elisa kit

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CATALOG #	REACTIVITY
AAA196735	**Human**

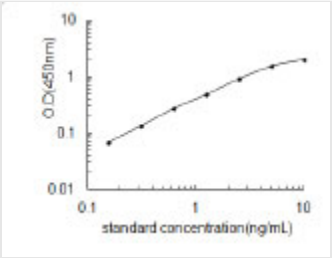
PRODUCT SYNONYMS

RAC1/Ras-Related C3 Botulinum Toxin Substrate 1; Human RAC1/Ras-Related C3 Botulinum Toxin Substrate 1 ELISA Kit; Ras-related C3 botulinum toxin substrate 1; Cell migration-inducing gene 5 protein; Ras-like protein TC25; p21-Rac1; TC25; MIG5; RAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Ras-related C3 botulinum toxin substrate 1
Sequence Length	192
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.075 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.2%
Inter-assay Precision	Inter-Assay CV: <=6.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAC1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702787
NCBI GeneID	5879
UniProt Accession #	P63000
NCBI Official Full Name	Ras-related C3 botulinum toxin substrate 1
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
UniProt Entry Name	RAC1_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/rac1-ras-related-c3-botulinum-toxin-substrate-1/196735