

Human RAB1A, Member RAS Oncogene Family (RAB1A) ELISA Kit | RAB1A elisa kit

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CATALOG #
AAA65353

REACTIVITY
Human

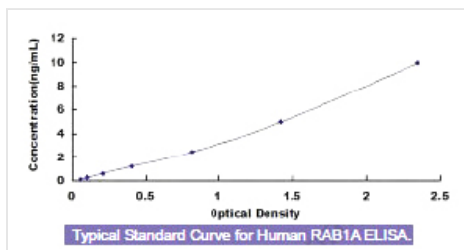
PRODUCT SYNONYMS

RAB1A; Member RAS Oncogene Family (RAB1A); Human RAB1A; Member RAS Oncogene Family (RAB1A) ELISA Kit; RAB1; YPT1; Ras-related protein Rab-1A; YPT1-related protein; RAB1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RAB1A. No significant cross-reactivity or interference between RAB1A and analogues was observed.
Sequence Length	205
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.067ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RAB1A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RAB1A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAB1A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RAB1A in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RAB1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RAB1A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RAB1A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of RAB1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758988
NCBI GeneID	5861
NCBI Accession #	NP_004152.1
NCBI GenBank Nucleotide #	NM_004161.4
UniProt Accession #	P62820; P11476; Q6FIE7; Q96N61; Q9Y3T2
Molecular Weight	13,903 Da
NCBI Official Full Name	ras-related protein Rab-1A isoform 1
NCBI Official Synonym Full Names	RAB1A, member RAS oncogene family
NCBI Official Symbol	RAB1A
NCBI Official Synonym Symbols	RAB1; YPT1
NCBI Protein Information	ras-related protein Rab-1A
UniProt Protein Name	Ras-related protein Rab-1A
UniProt Gene Name	RAB1A
UniProt Synonym Gene Names	RAB1

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/rab1a-member-ras-oncogene-family-rab1a/65353>