

Human RAB5A, Member RAS Oncogene Family (RAB5A) ELISA Kit | RAB5A elisa kit

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CATALOG #
AAA139652

REACTIVITY
Human

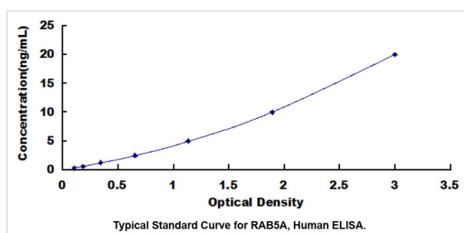
PRODUCT SYNONYMS

RAB5A; Member RAS Oncogene Family (RAB5A); Human RAB5A; Member RAS Oncogene Family (RAB5A) ELISA Kit; RAB5; RAB5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RAB5A. No significant cross-reactivity or interference between RAB5A and analogues was observed.
Sequence Length	201
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RAB5A 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 RAB5A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAB5A elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to RAB5A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to RAB5A. 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 RAB5A, 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 RAB5A in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RAB5A in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for RAB5A elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	17390678
NCBI GeneID	5868
UniProt Accession #	P20339; Q6FI44; B4DJA5
Molecular Weight	22,178 Da
NCBI Official Full Name	RAB5A, member RAS oncogene family
NCBI Official Synonym Full Names	RAB5A, member RAS oncogene family
NCBI Official Symbol	RAB5A
NCBI Official Synonym Symbols	RAB5
NCBI Protein Information	ras-related protein Rab-5A
UniProt Protein Name	Ras-related protein Rab-5A
UniProt Gene Name	RAB5A
UniProt Synonym Gene Names	RAB5
UniProt Entry Name	RAB5A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/rab5a-member-ras-oncogene-family-rab5a/139652>