

Human RAB37, Member RAS Oncogene Family (RAB37) ELISA Kit | RAB37 elisa kit

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CATALOG #
AAA187845

REACTIVITY
Human

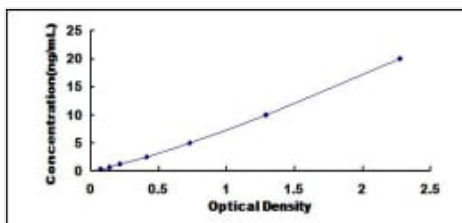
PRODUCT SYNONYMS

RAB37; Member RAS Oncogene Family (RAB37); Human RAB37; Member RAS Oncogene Family (RAB37) ELISA Kit; Ras-related protein Rab-37; RAB37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RAB37, Member RAS Oncogene Family (RAB37). No significant cross-reactivity or interference between RAB37, Member RAS Oncogene Family (RAB37) and analogues was observed.
Sequence Length	186
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level RAB37, Member RAS Oncogene Family (RAB37) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level RAB37, Member RAS Oncogene Family (RAB37) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 RAB37 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to RAB37, Member RAS Oncogene Family (RAB37). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to RAB37, Member RAS Oncogene Family (RAB37). 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 RAB37, Member RAS Oncogene Family (RAB37), 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 RAB37, Member RAS Oncogene Family (RAB37) 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 #	255683305
NCBI GeneID	326624
NCBI Accession #	NP_001157461.1
NCBI GenBank Nucleotide #	NM_001163989.1
UniProt Accession #	Q96AX2; Q8IWA7; A8MXF5; A8MYT0
Molecular Weight	20,894 Da
NCBI Official Full Name	ras-related protein Rab-37 isoform 4
NCBI Official Synonym Full Names	RAB37, member RAS oncogene family
NCBI Official Symbol	RAB37
NCBI Protein Information	ras-related protein Rab-37
UniProt Protein Name	Ras-related protein Rab-37
UniProt Gene Name	RAB37

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/rab37-member-ras-oncogene-family-rab37/187845>