

Human RAB27B, Member RAS Oncogene Family (RAB27B) ELISA Kit | RAB27B elisa kit

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CATALOG #
AAA149206

REACTIVITY
Human

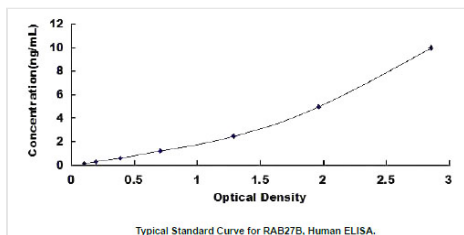
PRODUCT SYNONYMS

RAB27B; Member RAS Oncogene Family (RAB27B); Human RAB27B; Member RAS Oncogene Family (RAB27B) ELISA Kit; C25KG; Ras-related protein Rab-27B; RAB27B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of QSOX1. No significant cross-reactivity or interference between QSOX1 and analogues was observed.
Sequence Length	218
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level QSOX1 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 QSOX1 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 RAB27B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of QSOX1 in bovine serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to QSOX1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to QSOX1. 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 QSOX1, 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 QSOX1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for RAB27B elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	119583414
NCBI GeneID	5874
Molecular Weight	24,608 Da
NCBI Official Full Name	RAB27B, member RAS oncogene family
NCBI Official Synonym Full Names	RAB27B, member RAS oncogene family
NCBI Official Symbol	RAB27B
NCBI Official Synonym Symbols	C25KG
NCBI Protein Information	ras-related protein Rab-27B
UniProt Protein Name	Ras-related protein Rab-27B
UniProt Gene Name	RAB27B

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/rab27b-member-ras-oncogene-family-rab27b/149206>