

Human RAB10, member RAS oncogene family ELISA Kit | RAB10 elisa kit

Human Ras-related protein Rab-10, RAB10 ELISA Kit

CATALOG #
AAA112941

REACTIVITY
Human

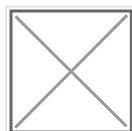
PRODUCT SYNONYMS

RAB10; member RAS oncogene family; Human Ras-related protein Rab-10; RAB10 ELISA Kit; Human Ras-related protein Rab-10 (RAB10) ELISA kit; GTP-binding protein RAB10; ras-related GTP-binding protein; ras-related GTP-binding protein RAB10; RAB10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human RAB10. No significant cross-reactivity or interference between human RAB10 and analogues was observed.
Sequence Length	200
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	39 pg/ml -2500 pg/ml.
Sensitivity	The minimum detectable dose of human RAB10 is typically less than 9.77 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAB10 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RAB10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RAB10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RAB10 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RAB10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256222019
NCBI GeneID	10890
NCBI Accession #	NP_057215.3
NCBI GenBank Nucleotide #	NM_016131.4
UniProt Accession #	P61026; O88386; Q6IA52; Q9D7X6; Q9H0T3; D6W538
Molecular Weight	22,541 Da
NCBI Official Full Name	ras-related protein Rab-10
NCBI Official Synonym Full Names	RAB10, member RAS oncogene family
NCBI Official Symbol	RAB10
NCBI Protein Information	ras-related protein Rab-10; GTP-binding protein RAB10; ras-related GTP-binding protein
UniProt Protein Name	Ras-related protein Rab-10
UniProt Gene Name	RAB10
UniProt Entry Name	RAB10_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/rab10-member-ras-oncogene-family/112941>