

Human Ras-Related Protein Rab-5C (RAB5C) ELISA Kit | RAB5C elisa kit

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CATALOG #
AAA331172

REACTIVITY
Human

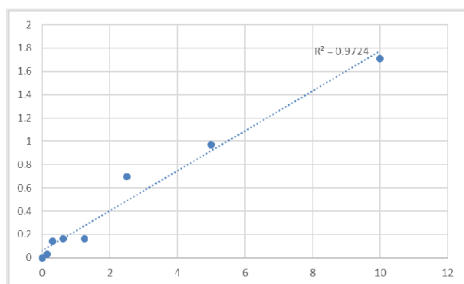
PRODUCT SYNONYMS

Ras-Related Protein Rab-5C (RAB5C); Human Ras-Related Protein Rab-5C (RAB5C) ELISA Kit; RAB5C; MGC117217; MGC138857; RAB5CL; RABL; RAB; member of RAS oncogene family-like; member of RAS oncogene family; RAB5C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ras-related protein Rab-5C (RAB5C) ELISA Kit has high sensitivity and excellent specificity for detection of Human RAB5C. No significant cross-reactivity or interference between Human RAB5C and analogues was observed.
Sequence Length	249
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Ras-related protein Rab-5C (RAB5C) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RAB5C elisa kit	Description: This Human Ras-related protein Rab-5C (RAB5C) ELISA Kit employs a two-site sandwich ELISA to quantitate RAB5C in samples. An antibody specific for RAB5C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RAB5C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RAB5C is added to the wells. After washing, Streptavidin 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 RAB5C bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment. Han et al. (1996) isolated fetal lung cDNAs encoding a RAB protein that they designated RABL (RAB5-like). The predicted 216-amino acid RABL protein shares 86% identity with RAB5A and RAB5B and contains the conserved GTP-binding site characteristic of RAS proteins. RT-PCR analysis revealed that RABL is expressed ubiquitously. By analysis of cloned segments, Albertsen et al. (1994) determined that the RABL gene, which they called BC1-16, is located in the BRCA1 gene region on chromosome 17q12-q21. Han et al. (1996) refined the map position to 17q21.2 using FISH.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	354721184
NCBI GeneID	5878
NCBI Accession #	NP_001238968.1
NCBI GenBank Nucleotide #	NP_001238968.1
UniProt Accession #	P51148
NCBI Official Full Name	ras-related protein Rab-5C isoform b
NCBI Official Synonym Full Names	RAB5C, member RAS oncogene family
NCBI Official Symbol	RAB5C
NCBI Official Synonym Symbols	RABL; L1880; RAB5L; RAB5CL
NCBI Protein Information	ras-related protein Rab-5C
UniProt Protein Name	Ras-related protein Rab-5C
UniProt Gene Name	RAB5C
UniProt Synonym Gene Names	RABL
UniProt Entry Name	RAB5C_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.