

Human Ras-related protein Rab-8A ELISA Kit | RAB8A elisa kit

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CATALOG #
AAA98213

REACTIVITY
Human

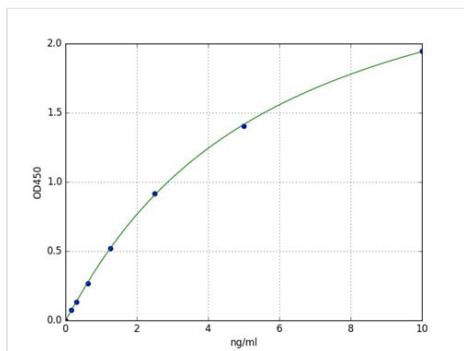
PRODUCT SYNONYMS

Ras-related protein Rab-8A; Human Ras-related protein Rab-8A ELISA Kit; RAB8A/Ras-related protein Rab-8A/Oncogene c-mel/MEL/RAB8; RAB8A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	207
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a RAB8A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.003	0.119	0.226	0.455	0.768	1.189	1.673	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAB8A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-RAB8A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-RAB8A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the RAB8A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of RAB8A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

16933567

NCBI GeneID	4218
NCBI Accession #	NP_005361.2
NCBI GenBank Nucleotide #	NM_005370.4
Molecular Weight	23,564 Da
NCBI Official Full Name	ras-related protein Rab-8A
NCBI Official Synonym Full Names	RAB8A, member RAS oncogene family
NCBI Official Symbol	RAB8A
NCBI Official Synonym Symbols	MEL; RAB8
NCBI Protein Information	ras-related protein Rab-8A
UniProt Protein Name	Ras-related protein Rab-8A
UniProt Gene Name	RAB8A
UniProt Synonym Gene Names	MEL; RAB8
UniProt Entry Name	RAB8A_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/rab8a-human-elisa-kits/ras-related-protein-rab-8a/98213>