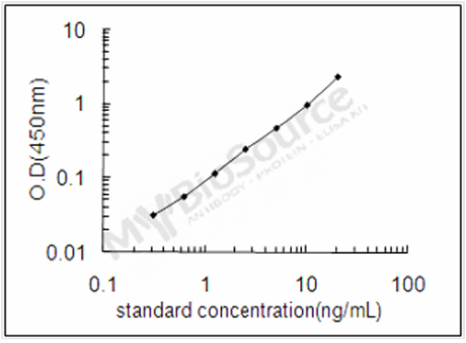
Ras-Related Protein Rab-8a (RAB8A) ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	Ras-related protein Rab-8A (RAB8A), ELISA Kit
Full Product Name	Chicken Ras-related protein Rab-8A ELISA Kit
Product Gene Name	RAB8A elisa kit
Species Reactivity	Chicken
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.31 ng/ml -20.0 ng/ml.
Specificity	This assay recognizes recombinant and natural chicken Ras-related protein Rab-8A. No significant cross-reactivity or interference was observed.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
Molecular Weight	23,522 Da
3D Structure	ModBase 3D Structure for Q5F470
Related Product Information for RAB8A elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ras-related protein Rab-8A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Ras-related protein Rab-8A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Ras-related protein Rab-8A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Ras-related protein Rab-8A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of RAB8A elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RAB8A purchase	MBS288239 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Ras-related protein Rab-8A (RAB8A) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing RAB8A. The ELISA analytical biochemical technique of the MBS288239 kit is based on RAB8A antibody-RAB8A antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RAB8A antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, RAB8A. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of RAB8A elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAB8A. It may not necessarily be applicable to this product.

NCBI GI #	71895669
NCBI GeneID	428352
NCBI Accession #	NP_001026675.1
UniProt Primary Accession #	Q5F470
UniProt Related Accession #	Q5F470
GenBank Nucleotide #	NM_001031504.1
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	null
UniProt Protein Name	Ras-related protein Rab-8A
Protein Family	Ras-related protein
UniProt Gene Name	RAB8A
UniProt Entry Name	RAB8A_CHICK
NCBI Protein Information	ras-related protein Rab-8A
UniProt Comments for RAB8A	May be involved in vesicular trafficking and neurotransmitter release.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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