

Rat RAB3A (Ras-Related Protein Rab-3A) ELISA Kit | RAB3A elisa kit

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CATALOG #
AAA277789

REACTIVITY
Rat

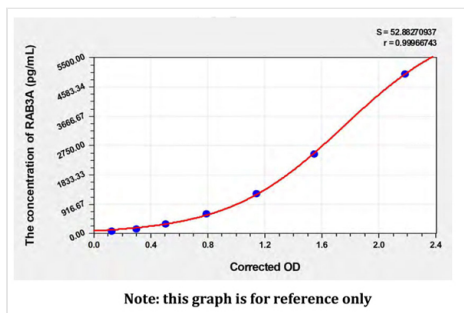
PRODUCT SYNONYMS

RAB3A (Ras-Related Protein Rab-3A); Rat RAB3A (Ras-Related Protein Rab-3A) ELISA Kit; Ras-related protein Rab-3A; RAB3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat RAB3A. No significant cross-reactivity or interference between Rat RAB3A and analogues was observed.
Assay Type	Sandwich
Detection Range	78.13-5000 pg/mL
Sensitivity	31.2 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAB3A elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat RAB3A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat RAB3A. 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 Rat RAB3A, 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 Rat RAB3A in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61098195
NCBI GeneID	25531
NCBI Accession #	NP_037150.2
NCBI GenBank Nucleotide #	NM_013018.2
UniProt Accession #	P63012; P05713
Molecular Weight	27
NCBI Official Full Name	ras-related protein Rab-3A
NCBI Official Synonym Full Names	RAB3A, member RAS oncogene family
NCBI Official Symbol	Rab3a
NCBI Official Synonym Symbols	RAB3
NCBI Protein Information	ras-related protein Rab-3A; Ras-related small GTP binding protein 3A
UniProt Protein Name	Ras-related protein Rab-3A
UniProt Gene Name	Rab3a
UniProt Entry Name	RAB3A_RAT

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/rat-elisa-kits/rab3a-ras-related-protein-rab-3a/277789>