

Rat Ras Homolog Gene Family, Member A (RHOA) ELISA Kit | RHOA elisa kit

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CATALOG #
AAA186552

REACTIVITY
Rat

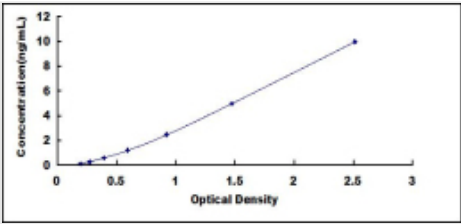
PRODUCT SYNONYMS

Ras Homolog Gene Family; Member A (RHOA); Rat Ras Homolog Gene Family; Member A (RHOA) ELISA Kit; ARH12; ARHA; RHO12; RHOH12; Rho cDNA clone 12; RHOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Ras Homolog Gene Family, Member A (RHOA). No significant cross-reactivity or interference between Ras Homolog Gene Family, Member A (RHOA) and analogues was observed.
Sequence Length	191
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.065ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ras Homolog Gene Family, Member A (RHOA) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ras Homolog Gene Family, Member A (RHOA) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RHOA elisa kit	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 Ras Homolog Gene Family, Member A (RHOA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ras Homolog Gene Family, Member A (RHOA). 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 Ras Homolog Gene Family, Member A (RHOA), 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 Ras Homolog Gene Family, Member A (RHOA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41053433
NCBI GeneID	393653
NCBI Accession #	NP_956974.1
NCBI GenBank Nucleotide #	NM_200680.1
NCBI Official Full Name	ras homolog gene family, member Gd
NCBI Official Synonym Full Names	ras homolog gene family, member Gd
NCBI Official Symbol	rhogd
NCBI Official Synonym Symbols	rhoga; zgc:66008
NCBI Protein Information	ras homolog gene family, member Gd

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.