

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

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CATALOG #
AAA219811

REACTIVITY
Rat

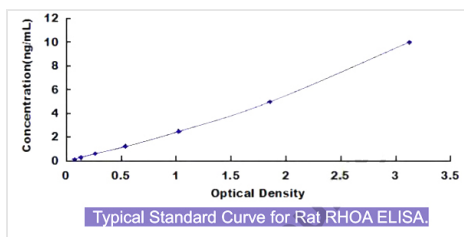
PRODUCT SYNONYMS

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 RHOA. No significant cross-reactivity or interference between RHOA and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Rat tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RHOA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RHOA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Rhoa elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RHOA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 RHOA in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RHOA in rat tissue homogenates, cell lysates or other biological fluids.
Product Categories/Family for Rhoa elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	16923986
NCBI GeneID	117273
NCBI Accession #	NP_476473.1
NCBI GenBank Nucleotide #	NM_057132.3
UniProt Accession #	P61589
Molecular Weight	21,782 Da
NCBI Official Full Name	transforming protein RhoA
NCBI Official Synonym Full Names	ras homolog family member A
NCBI Official Symbol	Rhoa
NCBI Official Synonym Symbols	Arha; Arha2
NCBI Protein Information	transforming protein RhoA; p13ras ras-related homolog A2; ras homolog gene family, member A
UniProt Protein Name	Transforming protein RhoA
UniProt Gene Name	Rhoa
UniProt Synonym Gene Names	Arha; Arha2
UniProt Entry Name	RHOA_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/ras-homolog-gene-family-member-a-rhoa/219811>