

Human Rho related GTP binding protein RhoC (RHOC) ELISA Kit | RHOC elisa kit

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CATALOG #
AAA246783

REACTIVITY
Human

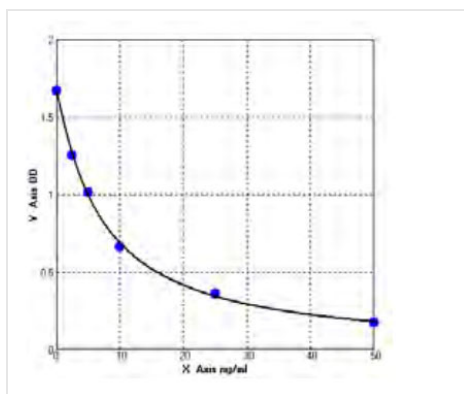
PRODUCT SYNONYMS

Rho related GTP binding protein RhoC (RHOC); Human Rho related GTP binding protein RhoC (RHOC) ELISA Kit; RHOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RHOC. No significant cross-reactivity or interference between RHOC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RHOC and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RHOC elisa kit	Principle of the Assay: RHOC ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-RHOC antibody and an RHOC-HRP conjugate. The assay sample and buffer are incubated together with RHOC-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RHOC concentration since RHOC from samples and RHOC-HRP conjugate compete for the anti-RHOC antibody binding site. Since the number of sites is limited, as more sites are occupied by RHOC from the sample, fewer sites are left to bind RHOC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RHOC concentration in each sample is interpolated from this standard curve. Intended Uses: This RHOC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RHOC. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for RHOC elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494251
NCBI GeneID	389
NCBI Accession #	NP_001036144.1
NCBI GenBank Nucleotide #	NM_001042679.1
Molecular Weight	22,006 Da
NCBI Official Full Name	rho-related GTP-binding protein RhoC
NCBI Official Synonym Full Names	ras homolog family member C
NCBI Official Symbol	RHOC
NCBI Official Synonym Symbols	H9; ARH9; ARHC; RHOH9
NCBI Protein Information	rho-related GTP-binding protein RhoC; rhoC GTPase; oncogene RHO H9; rho cDNA clone 9; RAS-related homolog 9; small GTP binding protein RhoC; ras homolog gene family, member C
UniProt Protein Name	Rho-related GTP-binding protein RhoC
UniProt Gene Name	RHOC
UniProt Synonym Gene Names	ARH9; ARHC; h9
UniProt Entry Name	RHOC_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/human-elisa-kits/rho-related-gtp-binding-protein-rhoc-rhoc/246783>