

Human Mitochondrial Rho GTPase 1 (RHOT1) RTU ELISA Kit | RHOT1 rtu elisa kit

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CATALOG #
AAA218181

REACTIVITY
Human

PRODUCT SYNONYMS

Mitochondrial Rho GTPase 1 (RHOT1); Human Mitochondrial Rho GTPase 1 (RHOT1) ELISA Kit; Rac-GTP-binding protein-like protein; Ras homolog gene family member T1; ARHT1; MIRO1; MIRO-1; RHOT1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	659
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.625-40ng/mL
Sensitivity	0.272ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RHOT1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RHOT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RHOT1. 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 RHOT1, 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 $\pm$ 10nm. The concentration of RHOT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75750476
NCBI GeneID	55288

NCBI Accession #	NP_001028738.1
NCBI GenBank Nucleotide #	NM_001033566.2
UniProt Accession #	Q8IXI2 ; Q6NUR3 ; Q6P9F8 ; Q6PJG1 ; Q6YMW8 ; Q86UB0 ; Q8IW28 ; Q8IXJ7 ; A4FVB6 ; A6NFV0 ; B4DG48 ; J9JIH9
Molecular Weight	75,546 Da
NCBI Official Full Name	mitochondrial Rho GTPase 1 isoform 2
NCBI Official Synonym Full Names	ras homolog family member T1
NCBI Official Symbol	RHOT1
NCBI Official Synonym Symbols	ARHT1; MIRO1; MIRO-1
NCBI Protein Information	mitochondrial Rho GTPase 1
UniProt Protein Name	Mitochondrial Rho GTPase 1
UniProt Gene Name	RHOT1
UniProt Synonym Gene Names	ARHT1; MIRO-1; hMiro-1

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-rtu-elisa-kits/mitochondrial-rho-gtpase-1-rhot1/218181>