

Human Mitochondrial Rho GTPase 1 ELISA Kit | RHOT1 elisa kit

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CATALOG #
AAA195503

REACTIVITY
Human

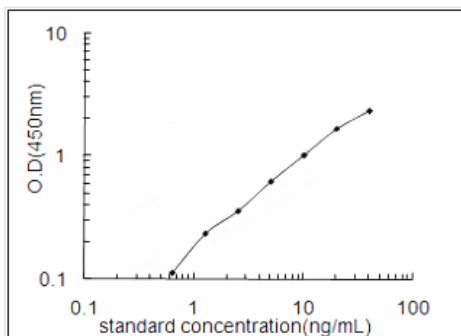
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Miro-1. No significant cross-reactivity or interference was observed.
Sequence Length	659
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.62 ng/mL -40.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RHOT1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human mitochondrial rho gtpase 1, Miro-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Miro-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Miro-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Miro-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Miro-1 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
UniProt Entry Name	MIRO1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rhot1-human-elisa-kits/mitochondrial-rho-gtpase-1/195503>