

Human Reactive oxygen species modulator 1 ELISA Kit | ROMO1 elisa kit

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CATALOG #
AAA191943

REACTIVITY
Human

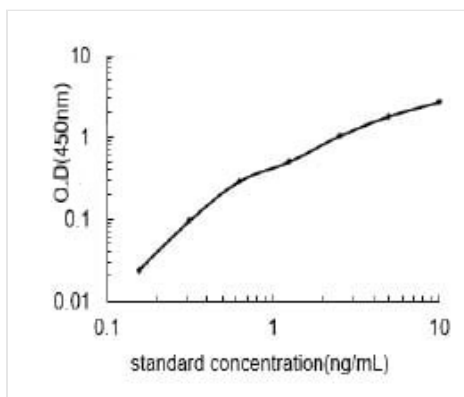
PRODUCT SYNONYMS

Reactive oxygen species modulator 1; Human Reactive oxygen species modulator 1 ELISA Kit; ROS modulator 1; Protein MGR2 homolog; ROMO1; C20orf52; Glyrichin; Mitochondrial targeting GxxxG motif protein; MTGM; ROMO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Reactive oxygen species modulator 1
Sequence Length	79
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.06 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=7.8%
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 ROMO1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18152785
NCBI GeneID	140823
NCBI Accession #	NP_542786.1
NCBI GenBank Nucleotide #	NM_080748.2
UniProt Accession #	P60602; Q3MHD5; Q5QP16; Q9CQ98; Q9H1N2; A7M872; E1P5R9; E9KL28
Molecular Weight	5,900 Da
NCBI Official Full Name	reactive oxygen species modulator 1
NCBI Official Synonym Full Names	reactive oxygen species modulator 1
NCBI Official Symbol	ROMO1
NCBI Official Synonym Symbols	MTGM; MTGMP; C20orf52; bA353C18.2
NCBI Protein Information	reactive oxygen species modulator 1
UniProt Protein Name	Reactive oxygen species modulator 1
UniProt Gene Name	ROMO1
UniProt Synonym Gene Names	C20orf52; ROS modulator 1; MTGM
UniProt Entry Name	ROMO1_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/romo1-human-elisa-kits/reactive-oxygen-species-modulator-1/191943>