

Human ROMO1 ELISA Kit | ROMO1 elisa kit

Human ROMO1(Reactive oxygen species modulator 1)ELISA Kit

CATALOG #
AAA165791

REACTIVITY
Human

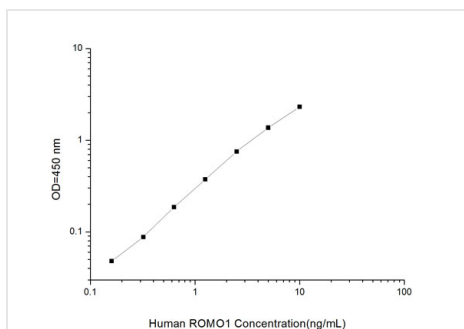
PRODUCT SYNONYMS

ROMO1; Human ROMO1(Reactive oxygen species modulator 1)ELISA Kit; ROMO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ROMO1. No significant cross-reactivity or interference between Human ROMO1 and analogues was observed.
Sequence Length	79
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROMO1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanROMO1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ROMO1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ROMO1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ROMO1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ROMO1.You can calculate the concentration of ROMO1in the samples by comparing the OD of the samples to the standard curve.
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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
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; PCM19; ROS modulator 1; epididymis tissue protein Li 175; glyrichin; mitochondrial targeting GXXXG protein; mitochondrial targeting GxxxG motif protein; protein MGR2 homolog
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.