

Bovine Reactive oxygen species modulator 1 (ROMO1) ELISA Kit | ROMO1 elisa kit

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CATALOG #
AAA43521

REACTIVITY
Bovine

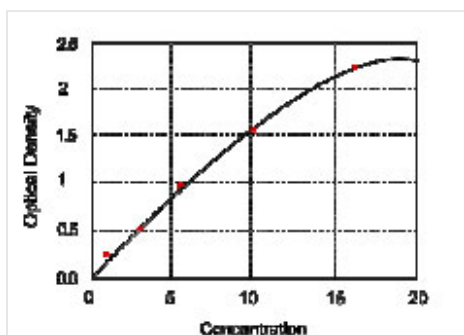
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	79
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 38ng/ml
Sensitivity	0.047ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROMO1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Reactive Oxygen Species Modulator 1 (also known as ROMO1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine ROMO1 antibody. ROMO1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine ROMO1 Antibody is added and binds to ROMO1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ROMO1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Bovine ROMO1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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

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.