

Rat tripartite motif-containing 72 ELISA Kit | TRIM72 elisa kit

Rat Tripartite motif-containing protein 72, TRIM72 ELISA Kit

CATALOG #
AAA112254

REACTIVITY
Rat

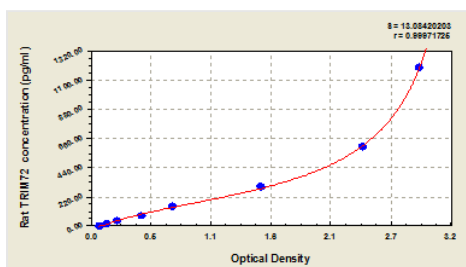
PRODUCT SYNONYMS

tripartite motif-containing 72; Rat Tripartite motif-containing protein 72; TRIM72 ELISA Kit; Rat Tripartite motif-containing protein 72 (TRIM72) ELISA kit; MG53; mitsugumin-53; TRIM72 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TRIM72. No significant cross-reactivity or interference between rat TRIM72 and analogues was observed.
Sequence Length	477
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml.
Sensitivity	The minimum detectable dose of rat TRIM72 is typically less than 4.7 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRIM72 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TRIM72 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRIM72 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRIM72 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRIM72 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723064
NCBI GeneID	100008639
NCBI Accession #	NP_001075484.1
NCBI GenBank Nucleotide #	NM_001082015.1
UniProt Accession #	Q1XH18
Molecular Weight	52,779 Da
NCBI Official Full Name	tripartite motif-containing protein 72
NCBI Official Symbol	TRIM72
NCBI Official Synonym Symbols	MG53
NCBI Protein Information	tripartite motif-containing protein 72; mitsugumin 53; mitsugumin-53
UniProt Protein Name	Tripartite motif-containing protein 72
UniProt Gene Name	TRIM72
UniProt Synonym Gene Names	MG53; Mg53
UniProt Entry Name	TRI72_RABIT

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/trim72-rat-elisa-kits/tripartite-motif-containing-72/112254>