

Mouse RISC-Loading Complex Subunit TARBP2 (TARBP2) ELISA Kit | TARBP2 elisa kit

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CATALOG #
AAA332355

REACTIVITY
Mouse

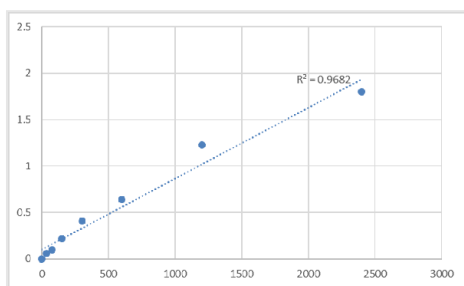
PRODUCT SYNONYMS

RISC-Loading Complex Subunit TARBP2 (TARBP2); Mouse RISC-Loading Complex Subunit TARBP2 (TARBP2) ELISA Kit; TARBP2; LOQS; TRBP; TRBP1; TRBP2; TAR (HIV) RNA binding protein 2; TAR (HIV) RNA-binding protein 2; TAR (HIV) RNA-binding protein TRBP1; TAR RNA binding protein 2; TAR RNA-binding protein 2; trans-activation res; TARBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse RISC-loading complex subunit TARBP2 (TARBP2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TARBP2. No significant cross-reactivity or interference between Mouse TARBP2 and analogues was observed.
Sequence Length	365
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse RISC-loading complex subunit TARBP2 (TARBP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TARBP2 elisa kit	Description: This Mouse RISC-loading complex subunit TARBP2 (TARBP2) ELISA Kit employs a two-site sandwich ELISA to quantitate TARBP2 in samples. An antibody specific for TARBP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TARBP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TARBP2 is added to the wells. After washing, Streptavidin 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 TARBP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by TARBP2 binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. TARBP2 also has a pseudogene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166295185
NCBI GeneID	21357
NCBI Accession #	NP_033345.2
NCBI GenBank Nucleotide #	NP_033345.2
UniProt Accession #	P97473
NCBI Official Full Name	RISC-loading complex subunit TARBP2 isoform 1
NCBI Official Synonym Full Names	TARBP2, RISC loading complex RNA binding subunit
NCBI Official Symbol	Tarbp2
NCBI Official Synonym Symbols	Prbp; TRBP
NCBI Protein Information	RISC-loading complex subunit TARBP2
UniProt Protein Name	RISC-loading complex subunit TARBP2
UniProt Gene Name	Tarbp2
UniProt Synonym Gene Names	Prbp; PRM-1 RNA-binding protein
UniProt Entry Name	TRBP2_MOUSE

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.