

Human Probable Methyltransferase TARBP1 (TARBP1) ELISA Kit | TARBP1 elisa kit

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CATALOG #
AAA330690

REACTIVITY
Human

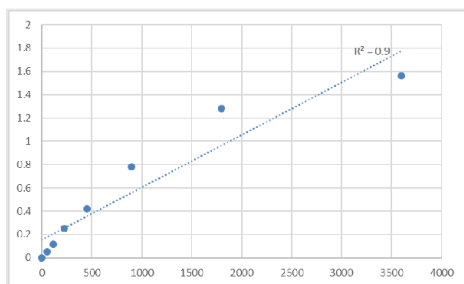
PRODUCT SYNONYMS

Probable Methyltransferase TARBP1 (TARBP1); Human Probable Methyltransferase TARBP1 (TARBP1) ELISA Kit; TARBP1; RP5-827C21.5; FLJ30482; TRM3; TRP-185; TRP185; TAR (HIV) RNA binding protein 1; TAR (HIV) RNA-binding protein 1; TAR RNA binding protein 1; TAR RNA loop binding protein; TARBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Probable methyltransferase TARBP1 (TARBP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TARBP1. No significant cross-reactivity or interference between Human TARBP1 and analogues was observed.
Sequence Length	1621
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. Human Probable methyltransferase TARBP1 (TARBP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TARBP1 elisa kit	Description: This Human Probable methyltransferase TARBP1 (TARBP1) ELISA Kit employs a two-site sandwich ELISA to quantitate TARBP1 in samples. An antibody specific for TARBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TARBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TARBP1 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 TARBP1 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. This element forms a stable stem-loop structure and can be bound by either Probable methyltransferase TARBP1 (TARBP1) or by RNA polymerase II. TARBP1 may act to disengage RNA polymerase II from TAR during transcriptional elongation. Alternatively spliced transcripts of TARBP1 may exist, but their full-length natures have not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110825988
NCBI GeneID	6894
NCBI Accession #	NP_005637
NCBI GenBank Nucleotide #	NP_005637.3
UniProt Accession #	Q13395
NCBI Official Full Name	probable methyltransferase TARBP1
NCBI Official Synonym Full Names	TAR (HIV-1) RNA binding protein 1
NCBI Official Symbol	TARBP1
NCBI Official Synonym Symbols	TRM3; TRMT3; TRP185; TRP-185
NCBI Protein Information	probable methyltransferase TARBP1
UniProt Protein Name	Probable methyltransferase TARBP1
UniProt Gene Name	TARBP1
UniProt Synonym Gene Names	TRM3; TRP185; TRP-185
UniProt Entry Name	TARB1_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/human-elisa-kits/probable-methyltransferase-tarbp1-tarbp1/330690>