

Mouse TAR DNA-Binding Protein 43 (TARDBP) ELISA Kit | TARDBP elisa kit

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CATALOG #
AAA332357

REACTIVITY
Mouse

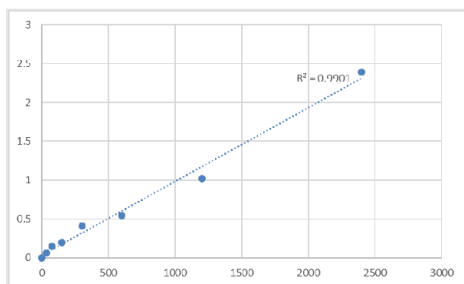
PRODUCT SYNONYMS

TAR DNA-Binding Protein 43 (TARDBP); Mouse TAR DNA-Binding Protein 43 (TARDBP) ELISA Kit; TARDBP; RP4-635E18.2; ALS10; TDP-43; TAR DNA-binding protein-43; TARDBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse TAR DNA-binding protein 43 (TARDBP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TARDBP. No significant cross-reactivity or interference between Mouse TARDBP and analogues was observed.
Sequence Length	414
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 TAR DNA-binding protein 43 (TARDBP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TARDBP elisa kit	Description: This Mouse TAR DNA-binding protein 43 (TARDBP) ELISA Kit employs a two-site sandwich ELISA to quantitate TARDBP in samples. An antibody specific for TARDBP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TARDBP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TARDBP 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 TARDBP 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 TARDBP is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21704096
NCBI GeneID	230908
NCBI Accession #	NP_663531.1
NCBI GenBank Nucleotide #	NP_663531.1
UniProt Accession #	Q921F2
NCBI Official Full Name	TAR DNA-binding protein 43 isoform 1
NCBI Official Synonym Full Names	TAR DNA binding protein
NCBI Official Symbol	Tardbp
NCBI Official Synonym Symbols	Tdp43; C85084; TDP-43; 1190002A23Rik
NCBI Protein Information	TAR DNA-binding protein 43
UniProt Protein Name	TAR DNA-binding protein 43
UniProt Gene Name	Tardbp
UniProt Synonym Gene Names	Tdp43; TDP-43
UniProt Entry Name	TADBP_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.