

Mouse Thyroid Receptor-Interacting Protein 6 (TRIP6) ELISA Kit | TRIP6 elisa kit

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CATALOG #
AAA332071

REACTIVITY
Mouse

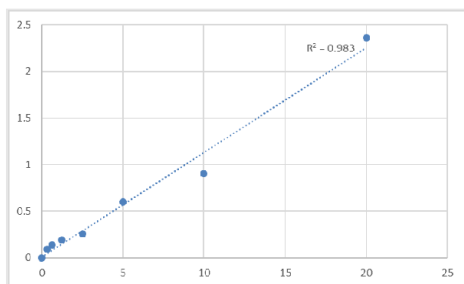
PRODUCT SYNONYMS

Thyroid Receptor-Interacting Protein 6 (TRIP6); Mouse Thyroid Receptor-Interacting Protein 6 (TRIP6) ELISA Kit; TRIP6; tcag7.1300; MGC10556; MGC10558; MGC29959; MGC3837; MGC4423; OIP1; ZRP-1; OPA-interacting protein 1; thyroid receptor-interacting protein 6; zyxin related protein 1; TRIP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Thyroid receptor-interacting protein 6 (TRIP6) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TRIP6. No significant cross-reactivity or interference between Mouse TRIP6 and analogues was observed.
Sequence Length	480
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 Thyroid receptor-interacting protein 6 (TRIP6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TRIP6 elisa kit	Description: This Mouse Thyroid receptor-interacting protein 6 (TRIP6) ELISA Kit employs a two-site sandwich ELISA to quantitate TRIP6 in samples. An antibody specific for TRIP6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRIP6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRIP6 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 TRIP6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: tRNA-isopentenyltransferase (tRNA-IPT) catalyses the addition of N6-isopentenyladenosine (i6A) on residue 37 of tRNA molecules that bind codons starting with uridine. The human tRNA-isopentenyltransferase (TRIT1) gene encodes a complex pattern of mRNA variants through alternative splicing in both normal and tumor lung tissue and that the nonsense suppressor activity of tRNA-IPT is maintained only in the full-length mRNA isoform, as revealed by gene complementation in yeast. Expression of the full-length transcript was down-regulated 6-14-fold in lung adenocarcinomas as compared to normal lung tissue. A549 lung cancer cells transfected to express the functional TRIT1 gene formed significantly smaller colonies with reduced scattering on the edges and had only limited ability to induce tumors in nude mice.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755879
NCBI GeneID	22051
NCBI Accession #	NP_035769.1
NCBI GenBank Nucleotide #	NP_035769.1
UniProt Accession #	Q9Z1Y4
NCBI Official Full Name	thyroid receptor-interacting protein 6
NCBI Official Synonym Full Names	thyroid hormone receptor interactor 6
NCBI Official Symbol	Trip6
NCBI Protein Information	thyroid receptor-interacting protein 6
UniProt Protein Name	Thyroid receptor-interacting protein 6
UniProt Gene Name	Trip6
UniProt Synonym Gene Names	Zrp1; TR-interacting protein 6; TRIP-6; ZRP-1

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/mouse-elisa-kits/thyroid-receptor-interacting-protein-6-trip6/332071>