

Mouse Thyroid Hormone Receptor Interactor 6 (TRIP6) ELISA Kit | TRIP6 elisa kit

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CATALOG #
AAA187220

REACTIVITY
Mouse

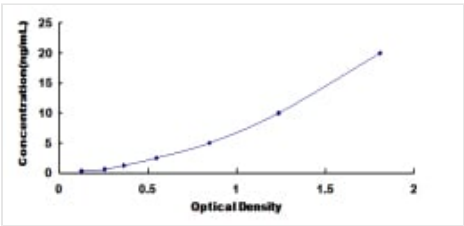
PRODUCT SYNONYMS

Thyroid Hormone Receptor Interactor 6 (TRIP6); Mouse Thyroid Hormone Receptor Interactor 6 (TRIP6) ELISA Kit; OIP1; ZRP-1; Opa-interacting protein 1; Zyxin-related protein 1; TRIP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Thyroid Hormone Receptor Interactor 6 (TRIP6). No significant cross-reactivity or interference between Thyroid Hormone Receptor Interactor 6 (TRIP6) and analogues was observed.
Sequence Length	80
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.144ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Thyroid Hormone Receptor Interactor 6 (TRIP6) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Thyroid Hormone Receptor Interactor 6 (TRIP6) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRIP6 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thyroid Hormone Receptor Interactor 6 (TRIP6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Thyroid Hormone Receptor Interactor 6 (TRIP6). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Thyroid Hormone Receptor Interactor 6 (TRIP6), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Thyroid Hormone Receptor Interactor 6 (TRIP6) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51094565
NCBI GeneID	7205
UniProt Accession #	Q15654; O15170; O15275; Q9BTB2; Q9BUE5; Q9BXP3; Q9UNT4; A4D2E7; F2ZC07; F2ZC08
Molecular Weight	8,277 Da
NCBI Official Full Name	thyroid hormone receptor interactor 6
NCBI Official Synonym Full Names	thyroid hormone receptor interactor 6
NCBI Official Symbol	TRIP6
NCBI Official Synonym Symbols	OIP1; OIP-1; ZRP-1; TRIP-6; TRIP6i2
NCBI Protein Information	thyroid receptor-interacting protein 6
UniProt Protein Name	Thyroid receptor-interacting protein 6
UniProt Gene Name	TRIP6
UniProt Synonym Gene Names	OIP1; TR-interacting protein 6; TRIP-6; OIP-1; 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-hormone-receptor-interactor-6-trip6/187220>