

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

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CATALOG #
AAA189863

REACTIVITY
Human

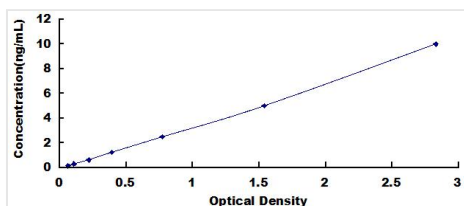
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TRIP6. No significant cross-reactivity or interference between TRIP6 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TRIP6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TRIP6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months 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	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TRIP6. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to 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 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 TRIP6 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TRIP6 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for TRIP6 elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	20981729
NCBI GeneID	7205
UniProt Accession #	Q15654; O15170; O15275; Q9BTB2; Q9BUE5; Q9BXP3; Q9UNT4; A4D2E7; F2ZC07; F2ZC08
Molecular Weight	476
NCBI Official Full Name	Thyroid receptor-interacting protein 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; zyxin related protein 1; TR-interacting protein 6; OPA-interacting protein 1; thyroid hormone 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
UniProt Entry Name	TRIP6_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/thyroid-hormone-receptor-interactor-6-trip6/189863>