

Human tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide ELISA Kit | YWHAQ elisa kit

Human 14-3-3 protein theta, YWHAQ ELISA Kit

CATALOG #
AAA112717

REACTIVITY
Human

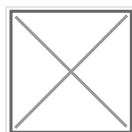
PRODUCT SYNONYMS

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; theta polypeptide; Human 14-3-3 protein theta; YWHAQ ELISA Kit; Human 14-3-3 protein theta (YWHAQ) ELISA kit; 14-3-3; 1C5; HS1; 14-3-3 protein T-cell; 14-3-3 protein tau; 14-3-3 protein theta; OTTHUMP00000165887; protein tau; tyrosine 3/tryptophan 5 -monooxygenase activation protein; YWHAQ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human YWHAQ. No significant cross-reactivity or interference between Human YWHAQ and analogues was observed.
Sequence Length	245
Samples	Serum, plasma, tissue homogenates and cerebrospinal fluid (CSF)
Assay Type	Sandwich
Detection Range	0.47 ng/ml-30 ng/ml
Sensitivity	0.11 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAQ elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for YWHAQ has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any YWHAQ present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YWHAQ is added to the wells. After washing, avidin 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 YWHAQ bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803227
NCBI GeneID	10971
NCBI Accession #	NP_006817.1
NCBI GenBank Nucleotide #	NM_006826.3
UniProt Accession #	P27348; Q567U5; Q5TZU8; Q9UP48; D6W4Z5
Molecular Weight	27,764 Da
NCBI Official Full Name	14-3-3 protein theta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta
NCBI Official Symbol	YWHAQ
NCBI Official Synonym Symbols	1C5; HS1; 14-3-3
NCBI Protein Information	14-3-3 protein theta; 14-3-3 protein tau; 14-3-3 protein T-cell; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
UniProt Protein Name	14-3-3 protein theta
UniProt Gene Name	YWHAQ
UniProt Entry Name	1433T_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/ywhaq-human-elisa-kits/tyrosine-3-monooxygenase-tryptophan-5-monooxygenase-activation-protein-theta-polypeptide/112717>