

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

Human 14-3-3 protein gamma, YWHAG ELISA Kit

CATALOG #
AAA18247

REACTIVITY
Human

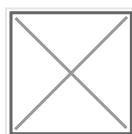
PRODUCT SYNONYMS

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; gamma polypeptide; Human 14-3-3 protein gamma; YWHAG ELISA Kit; Human 14-3-3 protein gamma (YWHAG) ELISA kit; 14-3-3GAMMA; 14-3-3 gamma; YWHAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human YWHAG. No significant cross-reactivity or interference between human YWHAG and analogues was observed.
Sequence Length	247
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	0.156 ng /ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 YWHAG elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for YWHAG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any YWHAG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YWHAG 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 YWHAG bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21464101
NCBI GeneID	7532
NCBI Accession #	NP_036611.2
NCBI GenBank Nucleotide #	NM_012479.3
UniProt Accession #	P61981; O70457; P35214; Q6FH52; Q9UDP2; Q9UN99
Molecular Weight	28,303 Da
NCBI Official Full Name	14-3-3 protein gamma
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma
NCBI Official Symbol	YWHAG
NCBI Official Synonym Symbols	PPP1R170; 14-3-3GAMMA
NCBI Protein Information	14-3-3 protein gamma; KCIP-1; 14-3-3 gamma; protein kinase C inhibitor protein 1; protein phosphatase 1, regulatory subunit 170; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
UniProt Protein Name	14-3-3 protein gamma
UniProt Gene Name	YWHAG
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433G_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ywhag-human-elisa-kits/tyrosine-3-monooxygenase-tryptophan-5-monooxygenase-activation-protein-gamma-polypeptide/18247>