

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

Human 14-3-3 protein epsilon, YWHAE ELISA Kit

CATALOG #
AAA112652

REACTIVITY
Human

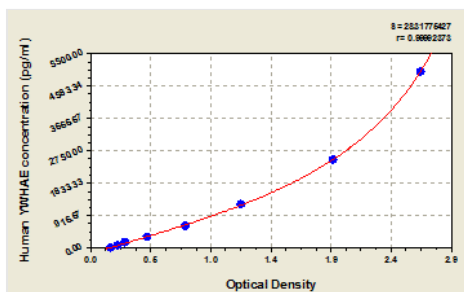
PRODUCT SYNONYMS

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; epsilon polypeptide; Human 14-3-3 protein epsilon; YWHAE ELISA Kit; Human 14-3-3 protein epsilon (YWHAE) ELISA kit; 14-3-3E; FLJ45465; KCIP-1; MDCR; MDS; 14-3-3 epsilon; mitochondrial import stimulation factor L subunit; protein kinase C inhibitor protein-1; tyrosine 3/tryptophan 5 -monooxygenase activation protein; ; YWHAE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse WNT7B. No significant cross-reactivity or interference between mouse WNT7B and analogues was observed.
Sequence Length	255
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 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 YWHAE elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT7B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT7B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT7B 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 WNT7B 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 #	5803225
NCBI GeneID	7531
NCBI Accession #	NP_006752.1
NCBI GenBank Nucleotide #	NM_006761.4
UniProt Accession #	P62258; P29360; P42655; Q4VJB6; Q53XZ5; Q63631; Q7M4R4; B3KY71; D3DTH5
Molecular Weight	29,174 Da
NCBI Official Full Name	14-3-3 protein epsilon
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon
NCBI Official Symbol	YWHAE
NCBI Official Synonym Symbols	MDS; HEL2; MDCR; KCIP-1; 14-3-3E
NCBI Protein Information	14-3-3 protein epsilon; 14-3-3 epsilon; epididymis luminal protein 2; protein kinase C inhibitor protein-1; mitochondrial import stimulation factor L subunit; tyrosine 3/tryptophan 5 -monooxygenase activation protein, epsilon polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide
UniProt Protein Name	14-3-3 protein epsilon
UniProt Gene Name	YWHAE
UniProt Synonym Gene Names	14-3-3E
UniProt Entry Name	1433E_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/ywhae-human-elisa-kits/tyrosine-3-monooxygenase-tryptophan-5-monooxygenase-activation-protein-epsilon-polypeptide/112652>