

Human Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) ELISA Kit | YWHAe elisa kit

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CATALOG #
AAA150014

REACTIVITY
Human

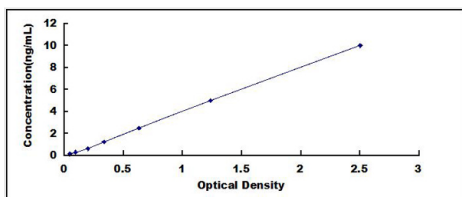
PRODUCT SYNONYMS

Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe); Human Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) ELISA Kit; MDCR; MDS; KCIP-1; 14-3-3E; 14-3-3 protein epsilon; YWHAe elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe). No significant cross-reactivity or interference between Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) and analogues was observed.
Sequence Length	255
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) 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 YWHAe 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 Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe). 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 Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe), 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 Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Epsilon (YWHAe) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for YWHAe elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803225
NCBI GeneID	7531
NCBI Accession #	NP_006752.1
NCBI GenBank Nucleotide #	NP_006752.1
UniProt Accession #	P62258
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
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/human-elisa-kits/tyrosine-3-tryptophan-5-monooxygenase-activation-protein-epsilon-ywhae/150014>