

Human 14 3 3 protein epsilon (YWHAE) ELISA Kit | YWHAE elisa kit

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CATALOG #
AAA244396

REACTIVITY
Human

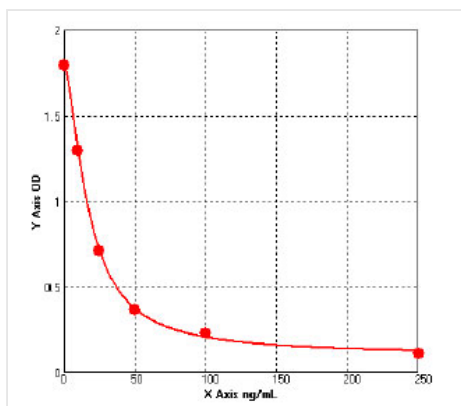
PRODUCT SYNONYMS

14 3 3 protein epsilon (YWHAE); Human 14 3 3 protein epsilon (YWHAE) ELISA Kit; YWHAE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of YWHAE. No significant cross-reactivity or interference between YWHAE and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between YWHAE and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAE elisa kit	Principle of the Assay: YWHAE ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-YWHAE antibody and an YWHAE-HRP conjugate. The assay sample and buffer are incubated together with YWHAE-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the YWHAE concentration since YWHAE from samples and YWHAE-HRP conjugate compete for the anti-YWHAE antibody binding site. Since the number of sites is limited, as more sites are occupied by YWHAE from the sample, fewer sites are left to bind YWHAE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The YWHAE concentration in each sample is interpolated from this standard curve. Intended Uses: This YWHAE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human YWHAE. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for YWHAE elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803225
NCBI GeneID	7531
NCBI Accession #	NP_006752.1
NCBI GenBank Nucleotide #	NM_006761.4
Molecular Weight	26,504 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://www.aaabiotech.com/human-elisa-kits/14-3-3-protein-epsilon-ywhae/244396>