Human 14-3-3 Protein Epsilon (YWHAE) ELISA Kit | YWHAE elisa kit

Human 14-3-3 Protein Epsilon (YWHAE) ELISA Kit

CATALOG #	REACTIVITY
AAA219676	**Human**

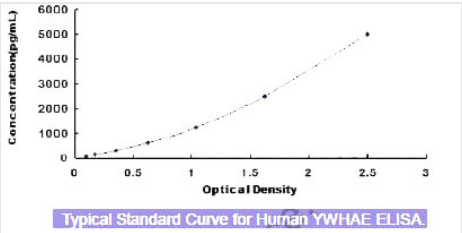
PRODUCT SYNONYMS

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.
Sequence Length	255
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	32.9pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level YWHAE were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level YWHAE were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAE elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of YWHAE in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to YWHAE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 YWHAE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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	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
UniProt Protein Name	14-3-3 protein epsilon
UniProt Gene Name	**YWHAE**
UniProt Synonym Gene Names	14-3-3E

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/14-3-3-protein-epsilon-ywhae/219676