

Human 14-3-3 protein eta (YWHAH) ELISA Kit | YWHAH elisa kit

Human 14-3-3 protein eta (YWHAH)

CATALOG # AAA102600	REACTIVITY Human
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PRODUCT SYNONYMS

14-3-3 protein eta (YWHAH); Human 14-3-3 protein eta (YWHAH); YWHA1/Protein AS1; YWHAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 14-3-3 protein eta. No significant cross-reactivity or interference between 14-3-3 protein eta and analogues was observed.
Sequence Length	246
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level 14- 3-3 protein eta were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level 14- 3-3 protein eta were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAH elisa kit	Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with 14-3-3 protein eta. During the reaction, 14-3-3 protein eta in the sample or standard competes with a fixed amount of 14-3-3 protein eta on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to 14-3-3 protein eta. Excess conjugate and unbound sample or standard are washed from the plate, and HRPStreptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of 14-3-3 protein eta in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507951
NCBI GeneID	7533
NCBI Accession #	NP_003396.1
NCBI GenBank Nucleotide #	NM_003405.3
Molecular Weight	28,219 Da
NCBI Official Full Name	14-3-3 protein eta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta
NCBI Official Symbol	YWHAH
NCBI Official Synonym Symbols	YWHA1
NCBI Protein Information	14-3-3 protein eta
UniProt Protein Name	14-3-3 protein eta
UniProt Gene Name	YWHAH
UniProt Synonym Gene Names	YWHA1
UniProt Entry Name	1433F_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/14-3-3-protein-eta-ywhah/102600>