

Mouse 14-3-3 Protein eta (YWHAH) ELISA Kit | YWHAH elisa kit

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CATALOG #
AAA247376

REACTIVITY
Mouse

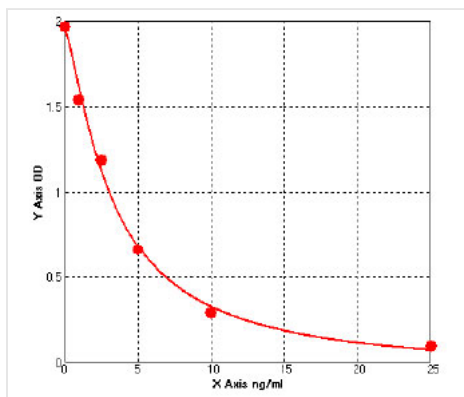
PRODUCT SYNONYMS

14-3-3 Protein eta (YWHAH); Mouse 14-3-3 Protein eta (YWHAH) ELISA Kit; YWHAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of YWHAH. No significant cross-reactivity or interference between YWHAH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between YWHAH and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	246
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAH elisa kit	Principle of the Assay: YWHAH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-YWHAH antibody and an YWHAH-HRP conjugate. The assay sample and buffer are incubated together with YWHAH-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 YWHAH concentration since YWHAH from samples and YWHAH-HRP conjugate compete for the anti-YWHAH antibody binding site. Since the number of sites is limited, as more sites are occupied by YWHAH from the sample, fewer sites are left to bind YWHAH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The YWHAH concentration in each sample is interpolated from this standard curve. Intended Uses: This YWHAH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse YWHAH. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for YWHAH elisa kit	Signal transduction ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507951
NCBI GeneID	7533
NCBI Accession #	NP_003396.1
NCBI GenBank Nucleotide #	NM_003405.4
UniProt Accession #	Q04917
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

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/mouse-elisa-kits/14-3-3-protein-eta-ywhah/247376>