

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

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CATALOG #
AAA244360

REACTIVITY
Rat

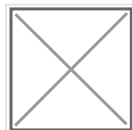
PRODUCT SYNONYMS

14-3-3 protein eta (YWHAH); Rat 14-3-3 protein eta (YWHAH) ELISA Kit; YWHAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YWHAH elisa kit	Intended Uses: This YWHAH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat YWHAH. This ELISA kit for research use only! Principle of the Assay YWHAH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.
Product Categories/Family for YWHAH elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507951
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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; 14-3-3 eta; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide
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/rat-elisa-kits/14-3-3-protein-eta-ywhah/244360>