

Human 14 3 3 protein beta/Alpha (YWHAB) ELISA Kit | YWHAB elisa kit

Human 14 3 3 protein beta/Alpha (YWHAB) ELISA Kit

CATALOG #
AAA246889

REACTIVITY
Human

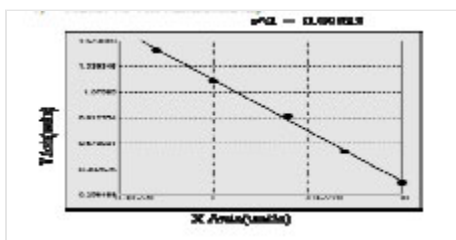
PRODUCT SYNONYMS

14 3 3 protein beta/Alpha (YWHAB); Human 14 3 3 protein beta/Alpha (YWHAB) ELISA Kit; Human 14 3 3 protein b/Alpha (YWHAB) ELISA Kit; YWHAB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 YWHAB elisa kit

Intended Uses||This YWHAB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human YWHAB. This ELISA kit for research use only!

Principle of the Assay: YWHAB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-YWHAB antibody and an YWHAB-HRP conjugate. The assay sample and buffer are incubated together with YWHAB-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 YWHAB concentration since YWHAB from samples and YWHAB-HRP conjugate compete for the anti-YWHAB antibody binding site. Since the number of sites is limited, as more sites are occupied by YWHAB from the sample, fewer sites are left to bind YWHAB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The YWHAB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for YWHAB elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328448
NCBI GeneID	7529
NCBI Accession #	NP_647539.1
NCBI GenBank Nucleotide #	NM_139323.3
Molecular Weight	27,850 Da
NCBI Official Full Name	14-3-3 protein beta/alpha
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta
NCBI Official Symbol	YWHAB
NCBI Official Synonym Symbols	HS1; GW128; YWHAA; KCIP-1; HEL-S-1
NCBI Protein Information	14-3-3 protein beta/alpha; 14-3-3 alpha; protein 1054; epididymis secretory protein Li 1; brain protein 14-3-3, beta isoform; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, alpha polypeptide
UniProt Protein Name	14-3-3 protein beta/alpha
UniProt Gene Name	YWHAB
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/14-3-3-protein-beta-alpha-ywhab/246889>