

Monkey Tubulin Alpha 3c ELISA Kit | TUBa3C elisa kit

Monkey Tubulin Alpha 3c ELISA Kit

CATALOG #
AAA96852

REACTIVITY
Monkey

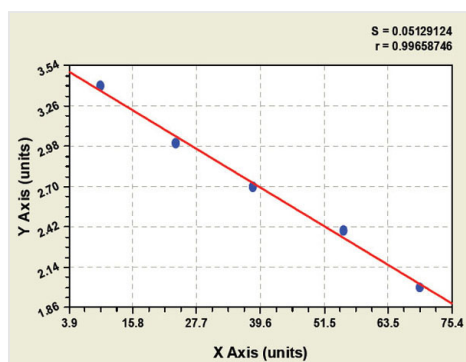
PRODUCT SYNONYMS

Tubulin Alpha 3c; Monkey Tubulin Alpha 3c ELISA Kit; TUBa3C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TUBa3C elisa kit

Intended Uses: This TUBa3C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TUBa3C. This ELISA kit for research use only!

Principle of the Assay: TUBa3C ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TUBa3C antibody and an TUBa3C-HRP conjugate. The assay sample and buffer are incubated together with TUBa3C-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 TUBa3C concentration since TUBa3C from samples and TUBa3C-HRP conjugate compete for the anti-TUBa3C antibody binding site. Since the number of sites is limited, as more sites are occupied by TUBa3C from the sample, fewer sites are left to bind TUBa3C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TUBa3C concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564363
NCBI GeneID	113457
NCBI Accession #	NP_525125.2
NCBI GenBank Nucleotide #	NM_080386.3
Molecular Weight	46,112 Da
NCBI Official Full Name	tubulin alpha-3C/D chain
NCBI Official Synonym Full Names	tubulin, alpha 3d
NCBI Official Symbol	TUBA3D
NCBI Official Synonym Symbols	H2-ALPHA
NCBI Protein Information	tubulin alpha-3C/D chain; tubulin alpha-2 chain; alpha-tubulin isotype H2-alpha
UniProt Protein Name	Tubulin alpha-3C/D chain
UniProt Gene Name	TUBA3C
UniProt Synonym Gene Names	TUBA2 TUBA3D
UniProt Entry Name	TBA3C_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://stage.aaabiotech.com/tuba3c-monkey-elisa-kits/tubulin-alpha-3c/96852>