

Human Tubulin folding cofactor B ELISA Kit | TBCB elisa kit

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CATALOG #
AAA247233

REACTIVITY
Human

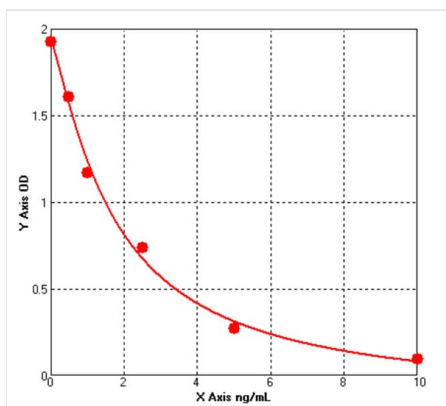
PRODUCT SYNONYMS

Tubulin folding cofactor B; Human Tubulin folding cofactor B ELISA Kit; TBCB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TBCB. No significant cross-reactivity or interference between TBCB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TBCB and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	244
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI GI #	2343185
NCBI GeneID	1155
Molecular Weight	21,801 Da
NCBI Official Full Name	tubulin folding cofactor B
NCBI Official Synonym Full Names	tubulin folding cofactor B
NCBI Official Symbol	TBCB
NCBI Official Synonym Symbols	CG22; CKAP1; CKAPI
NCBI Protein Information	tubulin-folding cofactor B
UniProt Protein Name	Tubulin-folding cofactor B
UniProt Gene Name	TBCB
UniProt Synonym Gene Names	CG22; CKAP1

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://www.aaabiotech.com/tcb-human-elisa-kits/tubulin-folding-cofactor-b/247233>