

Human Tau Protein ELISA Kit | Tau elisa kit

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CATALOG #
AAA16153

REACTIVITY
Human

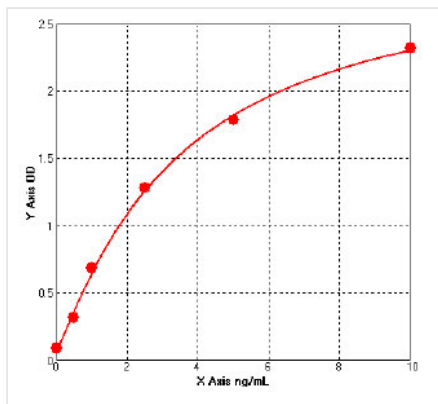
PRODUCT SYNONYMS

Tau Protein; Human Tau Protein ELISA Kit; Tau elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tau elisa kit	Principle of the Assay: TAU ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TAU. Standards or samples are then added to the microtiter plate wells and TAU if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TAU present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TAU are added to each well to "sandwich" the TAU immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TAU and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAU concentration in each sample is interpolated from this standard curve. Intended Uses: This TAU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TAU. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for Tau elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21357661
NCBI GeneID	326116
NCBI Accession #	NP_651575.1
NCBI GenBank Nucleotide #	NM_143318.3
Molecular Weight	38,538 Da
NCBI Official Full Name	tau, isoform A
NCBI Official Symbol	tau
NCBI Official Synonym Symbols	BcDNA:RE16764; CG12881; CG31057; CG31058; CG34294; CG45110; CG5606; d-tau; DmelCG45110; dtau; dTau; Tau
NCBI Protein Information	CG45110 gene product from transcript CG45110-RH; CG45110-PA; CG45110-PB; CG45110-PC; CG45110-PE; CG45110-PF; CG45110-PG; CG45110-PH; CG45110-PI; CG45110-PJ; CG45110-PK; CG45110-PL; CG45110-PM; tau; tau-PA; tau-PB; tau-PC; tau-PE; tau-PF; tau-PG; tau-PH; tau-PI; tau-PJ; tau-PK; tau-PL; tau-PM
UniProt Protein Name	Microtubule-associated protein
UniProt Gene Name	tau
UniProt Synonym Gene Names	CG34294; Dmel_CG31057
UniProt Entry Name	Q9VB13_DROME

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/human-elisa-kits/tau-protein/16153>