

Chicken Tau Protein ELISA Kit | Tau elisa kit

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CATALOG #
AAA89355

REACTIVITY
Chicken

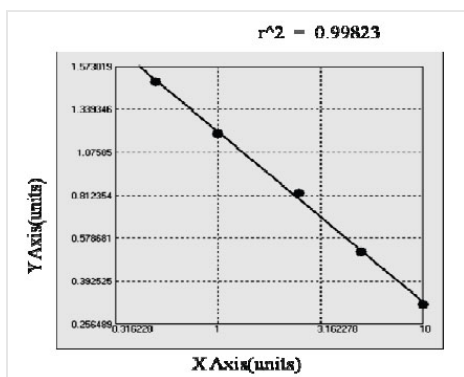
PRODUCT SYNONYMS

Tau Protein; Chicken Tau Protein ELISA Kit; Tau elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Tau ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken Tau. This ELISA kit for research use only, not for therapeutic applications!
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 competitive enzyme immunoassay technique utilizing a monoclonal anti-Tau antibody and an Tau-HRP conjugate. The assay sample and buffer are incubated together with Tau-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 Tau concentration since Tau from samples and Tau-HRP conjugate compete for the anti-Tau antibody binding site. Since the number of sites is limited, as more sites are occupied by Tau from the sample, fewer sites are left to bind Tau-HRP conjugate. 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.

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_143318.2
UniProt Accession #	Q9VB13; Q95UT1
Molecular Weight	38,538 Da
NCBI Official Full Name	tau
NCBI Official Symbol	tau
NCBI Official Synonym Symbols	BcDNA:RE16764; CG12881; CG31057; CG5606; DmelCG31057; dtau
NCBI Protein Information	CG31057 gene product from transcript CG31057-RA; CG31057-PA; tau; tau-PA
UniProt Protein Name	Microtubule-associated protein
UniProt Gene Name	tau
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/chicken-elisa-kits/tau-protein/89355>