

Porcine Tau Protein ELISA Kit | Tau elisa kit

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CATALOG #
AAA88832

REACTIVITY
Porcine

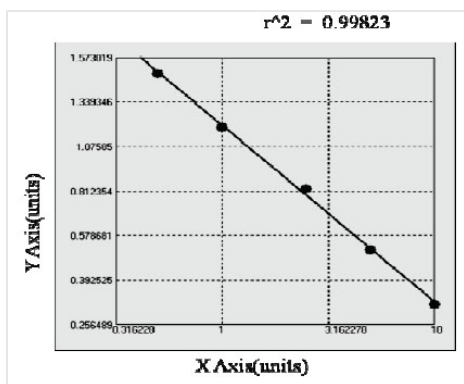
PRODUCT SYNONYMS

Tau Protein; Porcine Tau Protein ELISA Kit; Tau elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Alk-Smase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Alk-Smase. 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: Alk-Smase ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Alk-Smase antibody and an Alk-Smase-HRP conjugate. The assay sample and buffer are incubated together with Alk-Smase-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 Alk-Smase concentration since Alk-Smase from samples and Alk-Smase-HRP conjugate compete for the anti-Alk-Smase antibody binding site. Since the number of sites is limited, as more sites are occupied by Alk-Smase from the sample, fewer sites are left to bind Alk-Smase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Alk-Smase concentration in each sample is interpolated from this standard curve.

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.