

## Goat Tau Protein ELISA Kit | Tau elisa kit

Goat Tau Protein ELISA Kit

CATALOG #  
**AAA89722**

REACTIVITY  
**Goat**

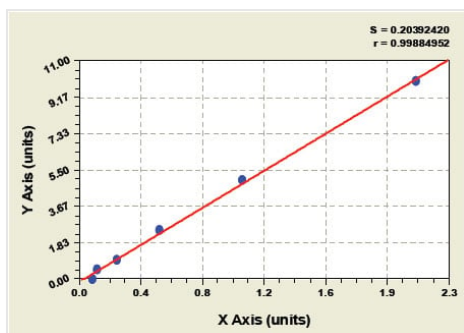
### PRODUCT SYNONYMS

Tau Protein; Goat Tau Protein ELISA Kit; Tau elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Goat                                                                       |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Sandwich                                                                   |
| 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**

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

**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.

**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/goat-elisa-kits/tau-protein/89722>