

# Total Tau

Intended Use:

Measuring Method:

Sample Types:

Measuring Samples:

Measurement Range:

Package Size1:

Research reagents

ELISA

Human

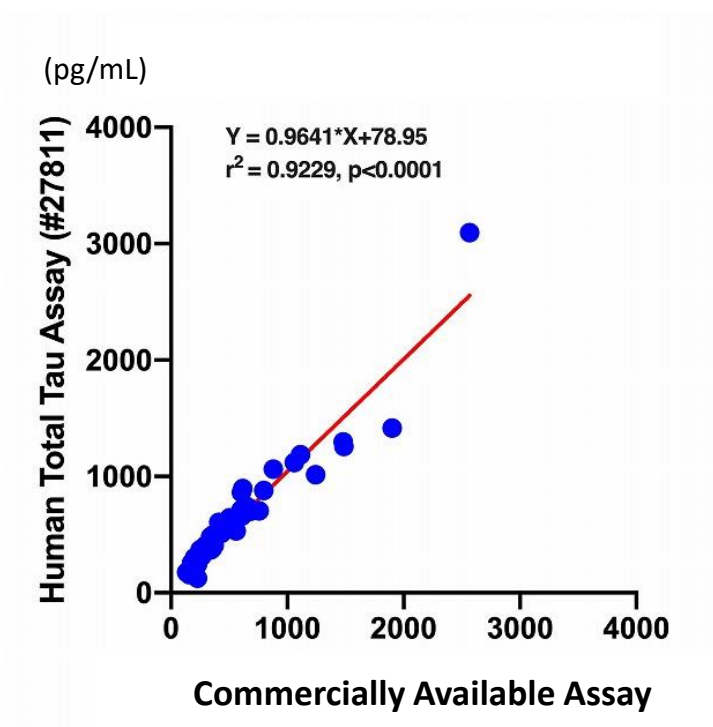
CSF

17.2 - 1,100 pg/mL

96 Well

Measurement value using this ELISA is NOT affected by hemoglobin contamination in CSF samples.

## Correlation Data\*



## Interfering Substances\*

Free bilirubin up to 19.1 mg/dL, Conjugated bilirubin up to 20.7mg/dL, Hemoglobin up to 490mg/dL, Chyl up to 1,650FTU and Ascorbic Acid up to 100mg/dL do not affect on the value of measurement.

## Recovery Test Result\*

Samples (Serum Dilution Ratio)	Measurement Value (pg/mL)	Theoretical Value (pg/mL)	Recovery Rate (%)
× 2	516.0	564.9	91.3
× 4	491.2	558.9	87.9
× 8	466.2	554.5	84.1
× 16	453.4	551.1	82.3

The recovery rate was 82.3 - 91.3% when the standard 550pg/mL was added in diluted serum.

### \*Quoted:

Novel ELISAs to measure total and phosphorylated tau in cerebrospinal fluid. Kawarabayashi T et al. Neurosci Lett. 2020 Feb 8:134826.

# Total Tau

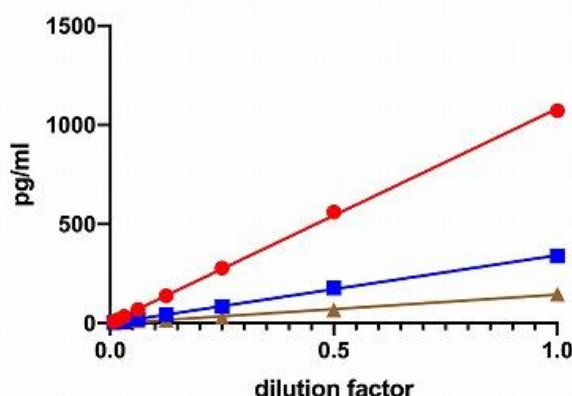
## Precision

The measurement value against known concentration is between 80% - 120% when 3 different known concentrated control samples are measured.

## Intra-Assay

CV Value is less than 15% in 4 times measurements at same time using 3 different known concentrated control samples.

## Dilution Test\*



CSF Sample Dilution Test

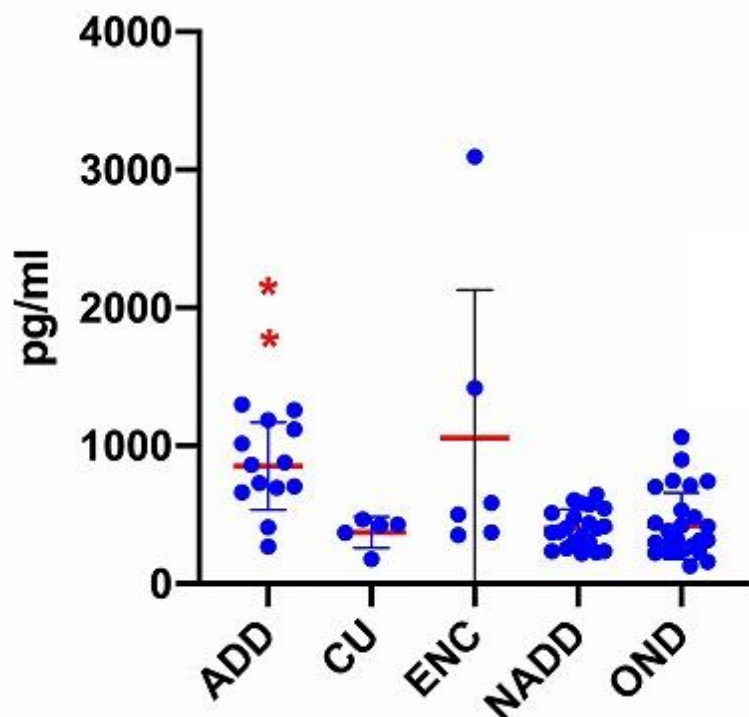
● : Encephalitis, hemolysis +

■ : Encephalitis, hemolysis +

▲ : (Non-Encephalitis, hemolysis -

**NOT affected by hemoglobin contamination in CSF**

## Measurement Examples (CSF)\*



**ADD:** Alzheimer's Disease (AD) Dementia  
**CU:** Cognitively unimpaired Control Subject  
**ENC:** Encephalitis  
**NADD:** Non-AD Dementia  
**OND:** Other Neurological Diseases

### \*Quoted:

Novel ELISAs to measure total and phosphorylated tau in cerebrospinal fluid.  
 Kawarabayashi T et al. Neurosci Lett.  
 2020 Feb 8;134826.

Distributed by



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