

AlphaLISA® SureFire® Ultra™

Human Tau Total Detection Kit

Product number: ALSU-TTAU-A500, ALSU-TTAU-A10K,
ALSU-TTAU-A50K, ALSU-TTAU-A-HV



Kit specificity:

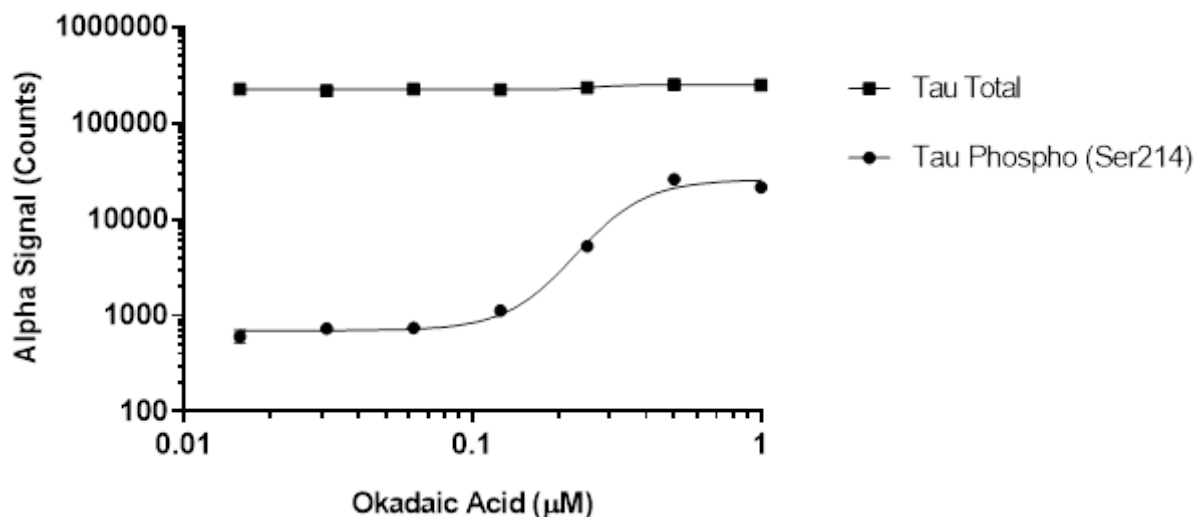
This assay kit contains antibodies which recognize distinct epitopes on Tau. The protein detected by this kit corresponds to UniProt ID P10636. Tau is also known as Microtubule-associated protein tau. These antibodies recognize Tau of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

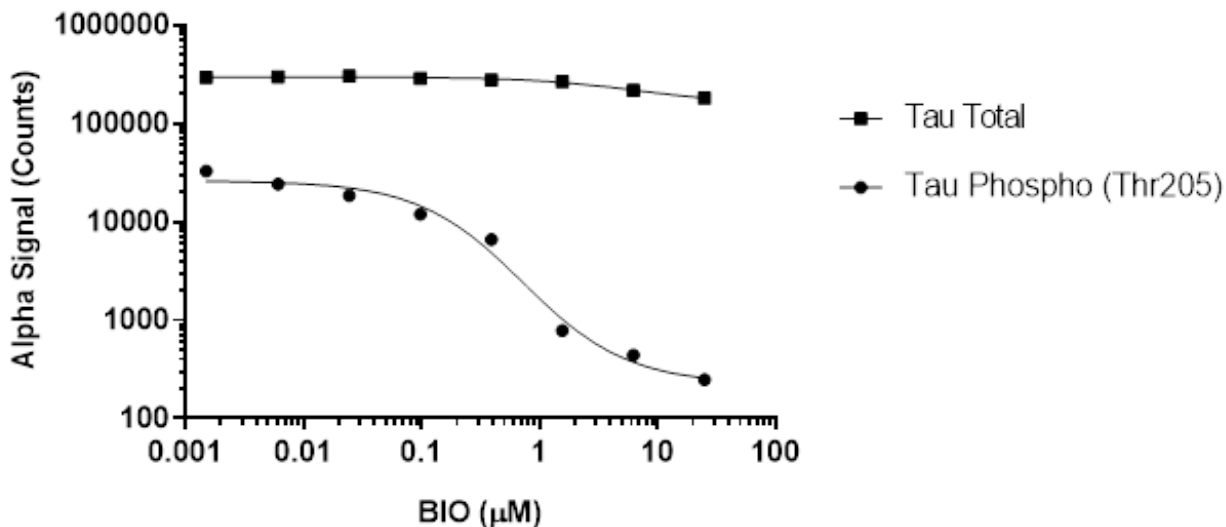
Positive Control Lysate: Prepared from SH-SY5Y cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 100 nM Okadaic Acid for 2.5 hours and lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were plated at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Okadaic Acid prepared in serum free medium, at the indicated concentrations for 2 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser214) and Total Tau, using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were plated at 20K cells/well in a 96 well plate and incubated for 72 hours. Cells were treated with BIO (GSK-3 β inhibitor) prepared in serum free medium, at the indicated concentrations for 3 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr205) and Total Tau using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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