

AlphaLISA® SureFire® Ultra™

Human and Mouse STAT1 Total Detection Kit

Product number: ALSU-TST1-A500, ALSU-TST1-A10K,
ALSU-TST1-A50K, ALSU-TST1-A-HV



Kit specificity:

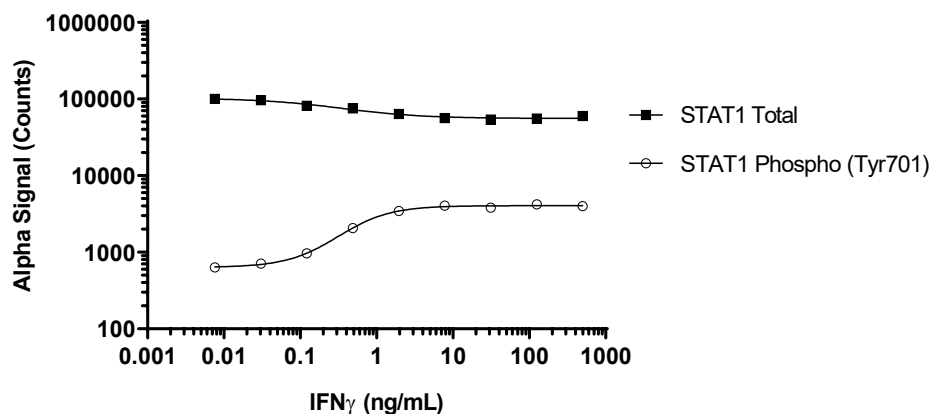
This assay kit contains antibodies which recognize distinct epitopes on STAT1. The protein detected by this kit corresponds to UniProt ID P42224. STAT1 is also known as Signal transducer and activator of transcription 1- α/β . These antibodies recognize STAT1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 0.6 M Sorbitol for 45 minutes and lysed with 6 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with 0.6 M Sorbitol for 20 minutes, then treated with IFN- γ at the indicated concentrations for 20 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr701) and Total STAT1 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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