

AlphaLISA® SureFire® Ultra™

Human and Mouse p-STAT5 (Tyr694/699) Detection Kit

Product number: ALSU-PST5-B500, ALSU-PST5-B10K,
ALSU-PST5-B50K, ALSU-PST5-B-HV



Kit specificity:

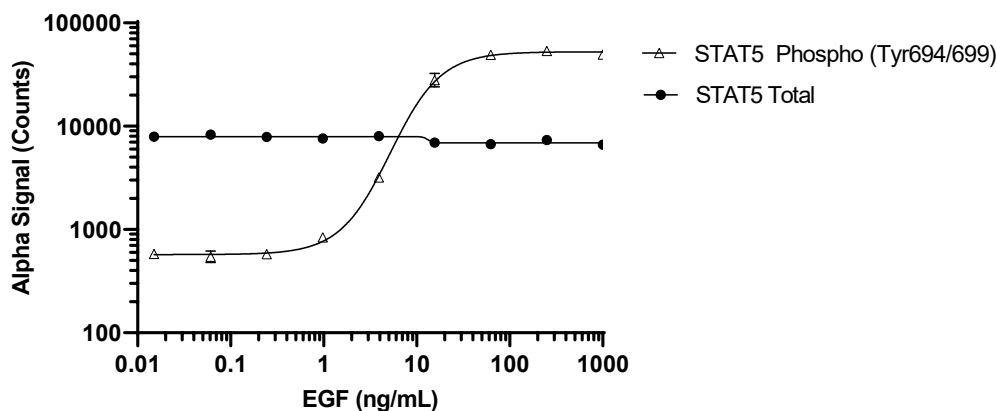
This assay kit contains antibodies which recognize the phospho-Tyr694/699 epitope and a distal epitope on Signal transducer and activator of transcription 5 (STAT5). The protein detected by this kit corresponds to UniProt ID P42229 (Stat5A) and P51692 (STAT5B). These antibodies recognize STAT5 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from A431 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 2 µg/mL rh EGF for 10 minutes and lysed with 8 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A431 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were serum starved for 2 hours, then treated with EGF at the indicated concentrations for 15 minutes. Cells were lysed in Lysis Buffer and assayed separately for Phospho (Tyr694/699) and Total STAT5 using respective SureFire Ultra kits. Equivalent to approximately 4,000 cells/datapoint.



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