

AlphaLISA™ SureFire® Ultra™

Mouse p-STAT6 (Tyr641) Detection Kit

Product number: ALSU-PST6-C500, ALSU-PST6-C10K,
 ALSU-PST6-C50K, ALSU-PST6-C-HV



Kit specificity:

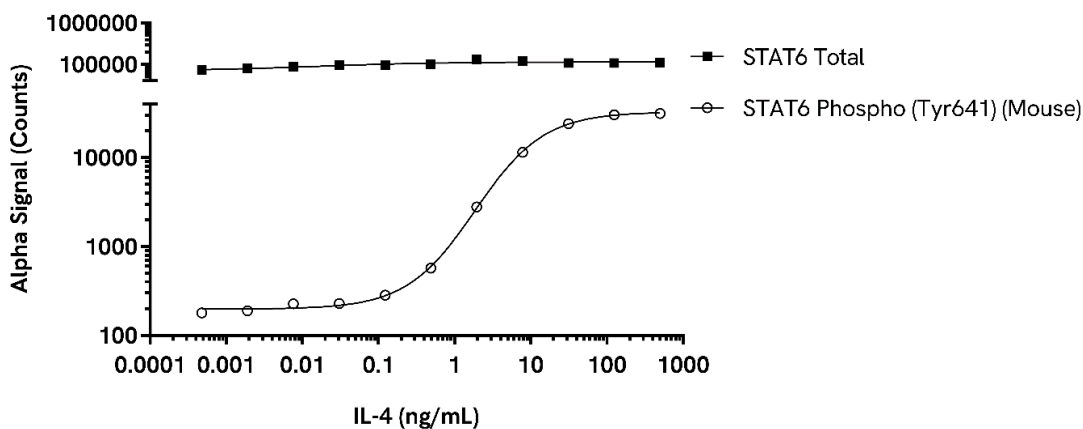
This assay kit contains antibodies which recognize the phospho-Tyr641 epitope and a distal epitope on STAT6. The protein detected by this kit corresponds to UniProt ID P52633. STAT6 is also known as transducer and activator of transcription 6 and IL-4 Stat. These antibodies recognize STAT6 of mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from RAW 264.7 cells cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were treated with 50 ng/mL recombinant mouse IL-4 for 20 minutes and lysed with 4 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with IL-4 at the indicated concentrations for 20 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr641) (Mouse) and Total STAT6 using respective SureFire Ultra kits. Equivalent to approximately 4,000 cells/datapoint.



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