

AlphaLISA™ SureFire® Biotin Free

Human p-STAT6 (Tyr641) Detection Kit

Product number: ASBF-PST6-A500, ASBF-PST6-A10K,
ASBF-PST6-A50K, ASBF-PST6-A-HV



Kit specificity:

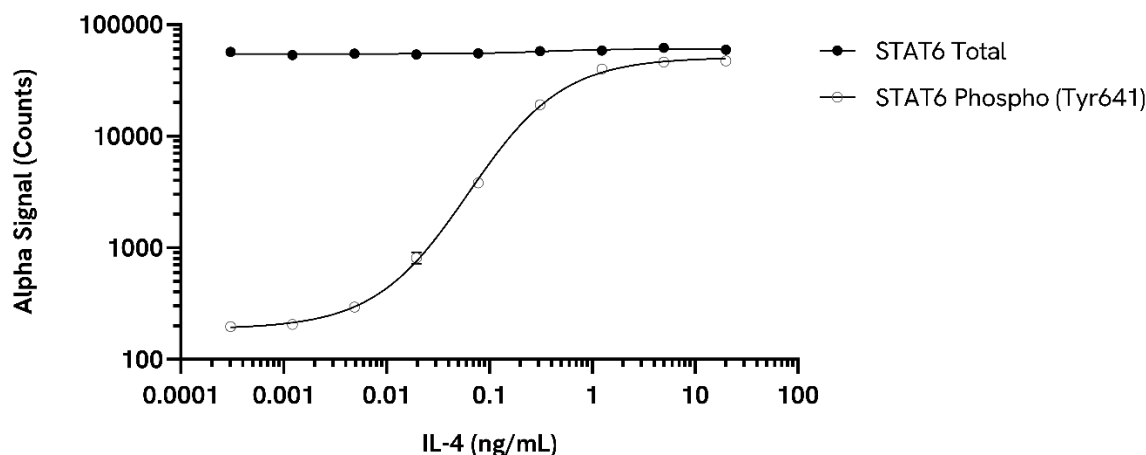
This assay kit contains antibodies which recognize the phospho-Tyr641 epitope and a distal epitope on signal transducer and activation of transcription 6 (STAT6). The protein detected by this kit corresponds to UniProt ID P42226. STAT6 is also known as IL-4 Stat. These antibodies recognize STAT6 of human 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 20 ng/mL IL-4 for 20 minutes and lysed with 4 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 400K cells/well in a 96 well plate in complete RPMI 1640 medium and treated with IL-4 at the indicated concentrations for 20 minutes. Cells were lysed with the addition of 5X Lysis Buffer and assayed separately for Phospho (Tyr641) and Total STAT6 using respective SureFire Biotin Free kits. Equivalent to approximately 16,000 cells/datapoint.



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