

AlphaLISA® SureFire® Ultra™

Human and Mouse p-IRF6 (Ser424) Detection Kit

Product number: ALSU-PIRF6-A500, ALSU-PIRF6-A10K,
ALSU-PIRF6-A50K, ALSU-PIRF6-A-HV



Kit specificity:

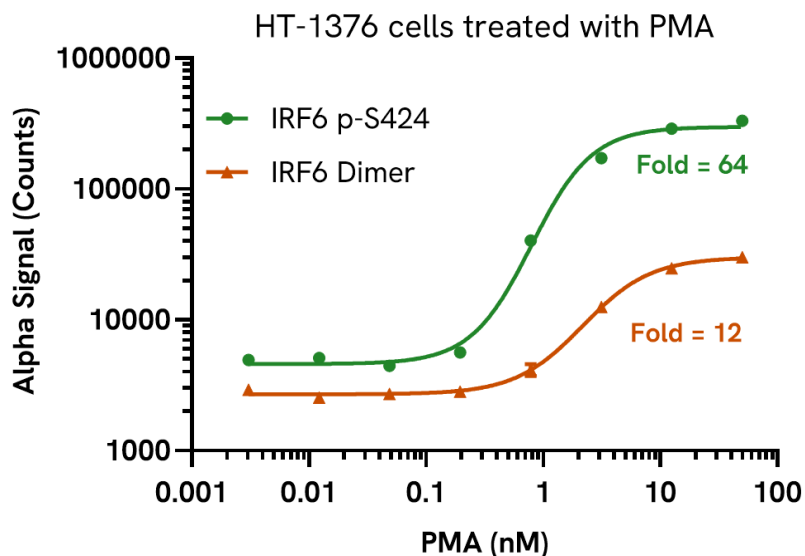
This assay kit contains antibodies which recognize the phospho-Ser424 epitope and a distal epitope on IRF6. The protein detected by this kit corresponds to UniProt ID O14896. IRF6 is also known as interferon regulatory factor 6. These antibodies recognize IRF6 of human and mouse origin. Other species should be tested on a case-by-case basis.

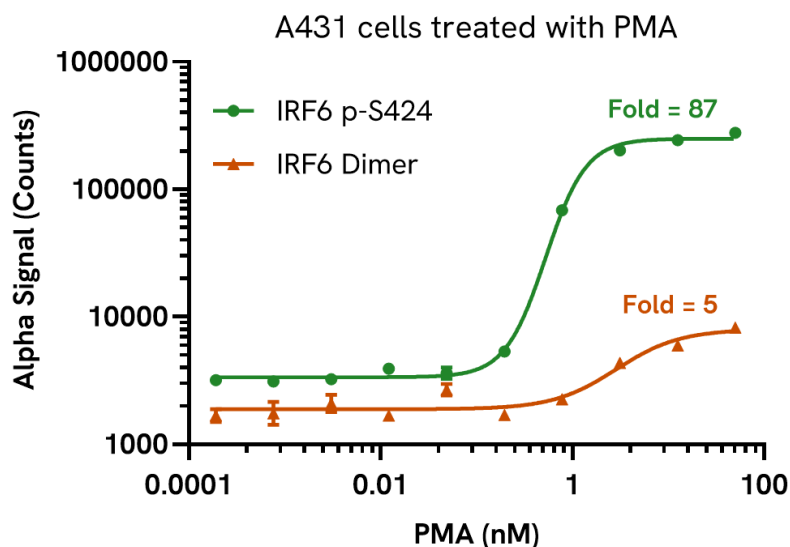
Control lysate information:

Positive Control Lysate: Prepared from HT-1376 cells cultured to confluence in T175 flasks in 10% FBS containing media. Cells treated with 50 nM PMA for 1 hour, then lysed with 4 mL of Lysis Buffer.

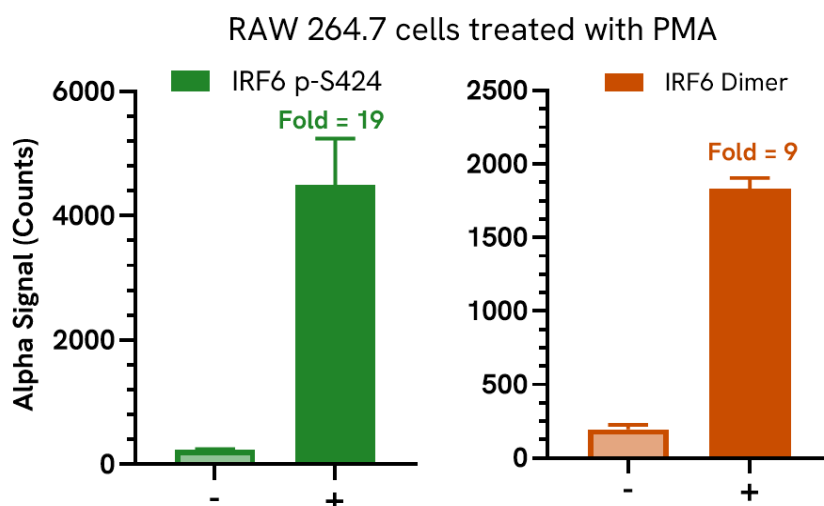
Representative data:

Data obtained with a 2-plate, 2-incubation protocol. HT-1376 and A431 cells were seeded at 40K cells/well in separate 96-well plates and incubated overnight. Cells were treated with increasing concentrations of PMA for 1 hour. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser424) and Dimer IRF6 using respective SureFire Ultra kits. Equivalent to 4,000 cells/datapoint (Phospho) or 8,000 cells/datapoint (Dimer).





Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were seeded at 40K cells/well in separate 96-well plates and incubated overnight. Cells were treated with 50 nM of PMA for 1 hour. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser424) and Dimer IRF6 using respective *SureFire Ultra* kits. Equivalent to 4,000 cells/datapoint (Phospho) or 8,000 cells/datapoint (Dimer).



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