

AlphaLISA® SureFire® Ultra™

Human p-RIP3 (Ser227) Detection Kit

Product number: ALSU-PRIP3-A500, ALSU-PRIP3-A10K,
 ALSU-PRIP3-A50K, ALSU-PRIP3-A-HV



Kit specificity:

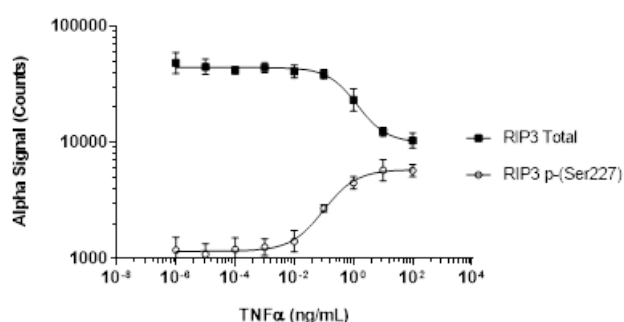
This assay kit contains antibodies which recognize the phospho-Ser227 epitope and a distal epitope on RIP3. The protein detected by this kit corresponds to UniProt ID Q9Y572. RIP3 is also known as RIP-like protein kinase 3 and Receptor-interacting protein 3. These antibodies recognize RIP3 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from U-937 cells cultured in 10% FBS containing medium. Cells were harvested and adjusted to 0.8×10^6 cells/mL then treated with 20 μ M Z-VAD, 20 ng/mL rhTNF α and 200 nm SM-164 for 5 hours and 30 minutes. Cells washed with HBSS + 0.1% BSA, spun down at 300 RCF for 5 minutes and lysed in Lysis Buffer at 13.3×10^6 cells/mL.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. U-937 cells were seeded at 400K cells/well in a 96 well plate then treated with TNF α at the indicated concentrations with 20 μ M Z-VAD and 200 nm SM-164 for 7 hours. Cells washed with HBSS, lysed with Lysis Buffer and assayed separately for Phospho (Ser227) and Total RIP3 using respective *SureFire Ultra* kits. Equivalent to approximately 20,000 cells/datapoint.



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