

AlphaLISA® SureFire® Ultra™

Human MyD88 Dimer Detection Kit

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



Kit specificity:

This assay kit contains antibodies which recognize MyD88 in a dimer form. The protein detected by this kit corresponds to UniProt ID Q99836. MyD88 is also known as Myeloid differentiation primary response protein. These antibodies recognize MyD88 Dimer of human origin. Other species should be tested on a case-by-case basis.

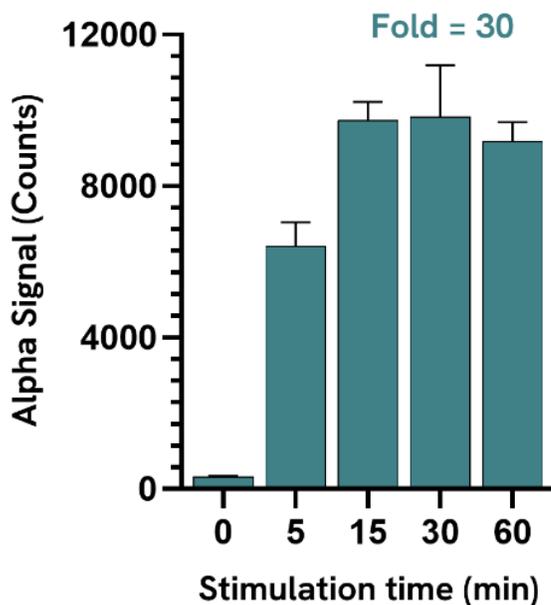
Control lysate information:

Positive Control Lysate: Prepared from Karpas 299 cells prepared at 2×10^6 cells/mL and stimulated with 10 ng/ml IL-1 β for 10 minutes in HBSS + 0.1% BSA. Cells were lysed with the addition of 5X Lysis Buffer.

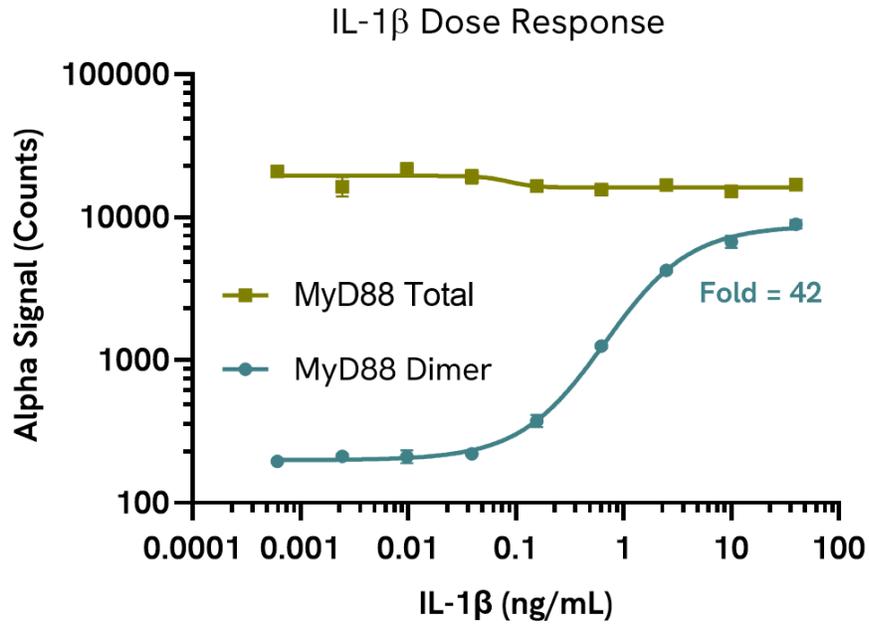
Representative data:

Data obtained with a 2-plate, 2-incubation protocol. Karpas 299 cells were harvested, seeded in a 96-well plate at 400,000 cells/well and treated with 10 ng/mL IL-1 β for the indicated time points. Cells were lysed with the addition of 5X Lysis Buffer and assayed for MyD88 Dimer using the *SureFire Ultra* kit. Equivalent to approximately 16,000 cells/datapoint.

IL-1 β Time Course in Karpas 299 cells



Data obtained with a 2-plate, 2-incubation protocol. Karpas 299 cells were harvested, seeded in a 96-well plate at 400,000 cells/well and treated with increasing concentrations of IL-1 β for 2 minutes. Cells were lysed with the addition of 5X Lysis Buffer and assayed separately for MyD88 Dimer and MyD88 Total using respective *SureFire Ultra* kits. Equivalent to approximately 16,000 cells/datapoint.



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