

AlphaLISA® SureFire® Ultra™

Human and Mouse Caspase 3 Cleaved (D175) Detection Kit

Product number: ALSU-CCASP3-A500, ALSU- CCASP3-A10K,
ALSU-CCASP3-A50K, ALSU- CCASP3-A-HV



Kit specificity:

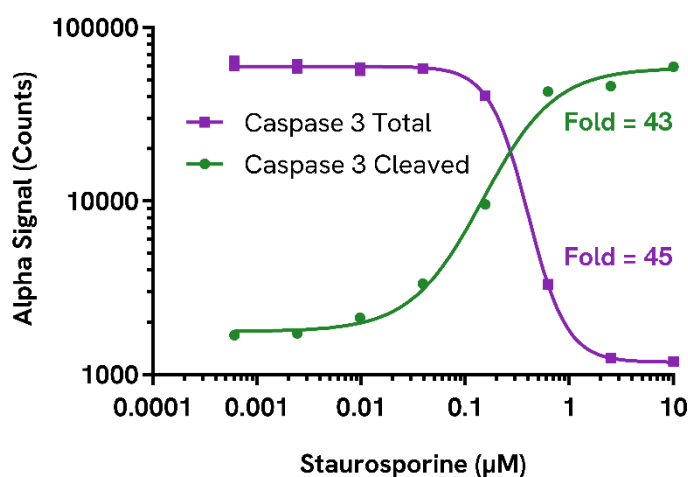
This assay kit contains antibodies which recognize distinct epitopes on Caspase 3 Cleaved (D175). The protein detected by this kit corresponds to UniProt ID P42574. Caspase 3 Cleaved (D175) is also known as active Caspase 3 and Caspase 3 p17 subunit. These antibodies recognize Caspase 3 Cleaved (D175) of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

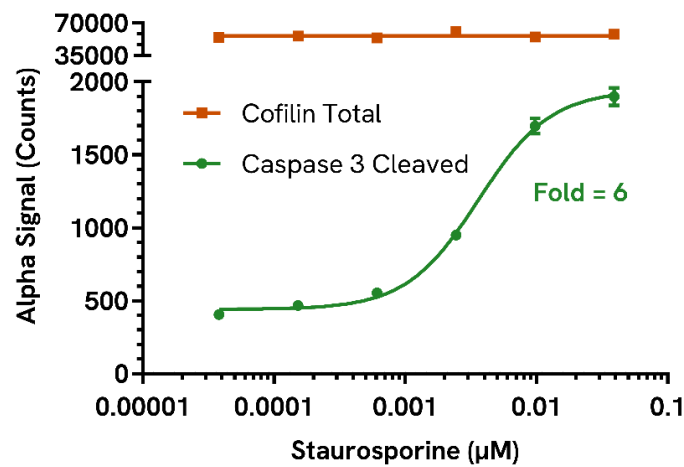
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were treated with 2.5 μ M Staurosporine and lysed with 4 mL of Lysis Buffer.

Representative data:

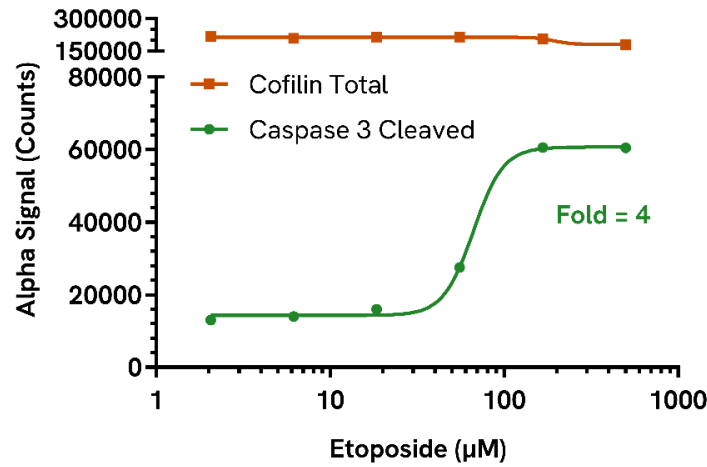
Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Staurosporine at the indicated concentrations for 4 hours. Cells were lysed with Lysis Buffer and assayed separately for Caspase 3 Cleaved (D175) and Total Caspase 3 using respective SureFire Ultra kits. Equivalent to approximately 4,000 cells/datapoint.



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 Staurosporine at the indicated concentrations for 4 hours. Cells were lysed with Lysis Buffer and assayed separately for Caspase 3 Cleaved (D175) and Total Cofilin using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint or 400 cells/datapoint for Total Cofilin.



Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Etoposide at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Caspase 3 Cleaved (D175) and Total Cofilin using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint or 200 cells/datapoint for Total Cofilin.



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