

AlphaLISA® SureFire® Ultra™

# Human Caspase 3 Total Detection Kit

**Product number:** ALSU-TCASP3-A500, ALSU-TCASP3-A10K,  
ALSU-TCASP3-A50K, ALSU-TCASP3-HV



## Kit specificity:

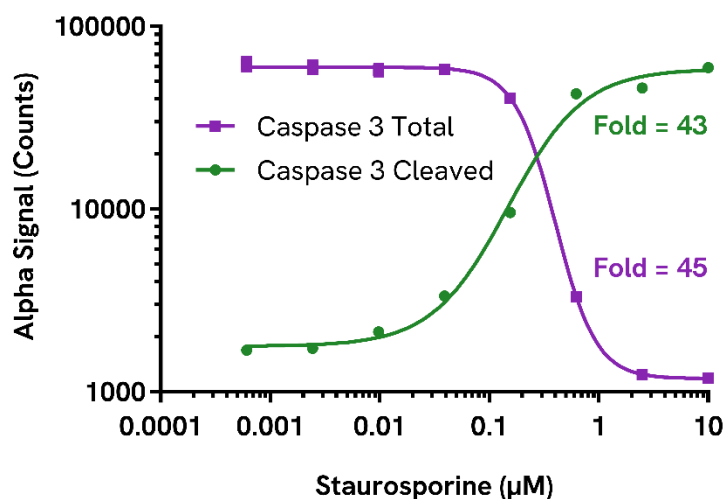
This assay kit contains antibodies which recognize distinct epitopes on Caspase 3. The protein detected by this kit corresponds to UniProt ID P42574. Caspase 3 is also known as cytein protease CPP32. These antibodies recognize Caspase 3 of human origin. Other species should be tested on a case-by-case basis.

## Control lysate information:

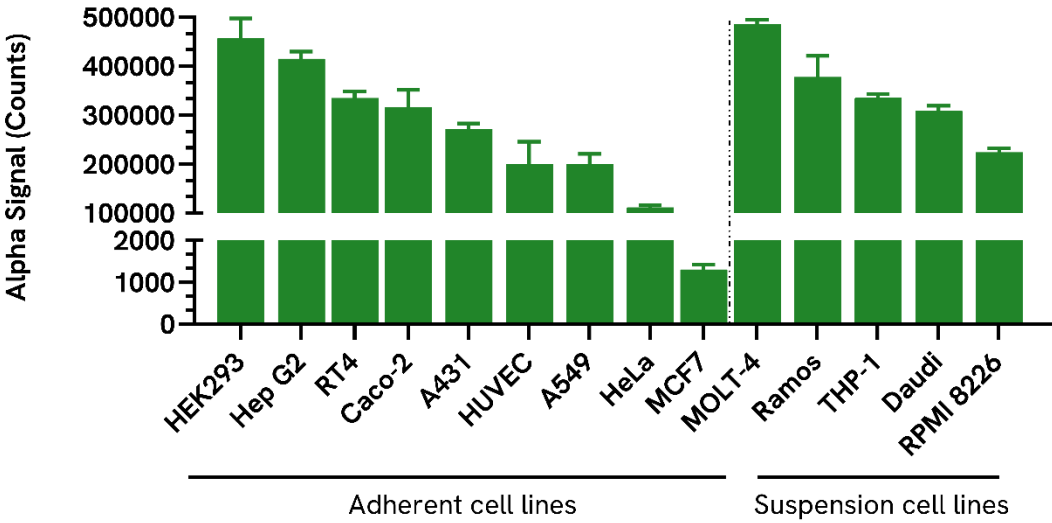
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 4 mL of Lysis Buffer.

## 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 from measurement of Caspase 3 Total in various cell types. Adherent cell lines were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were lysed with 100 µL of Lysis Buffer. Suspension cell lines were seeded at 400K cells/well in a 96-well plate in HBSS + 0.1% BSA, cells were spun down and lysed with 100 µL of Lysis Buffer. Approximately 4,000 adherent cells or 40,000 suspension cells/datapoint



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