

AlphaLISA® SureFire® Ultra™

Human Bax Total Detection Kit

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



Kit specificity:

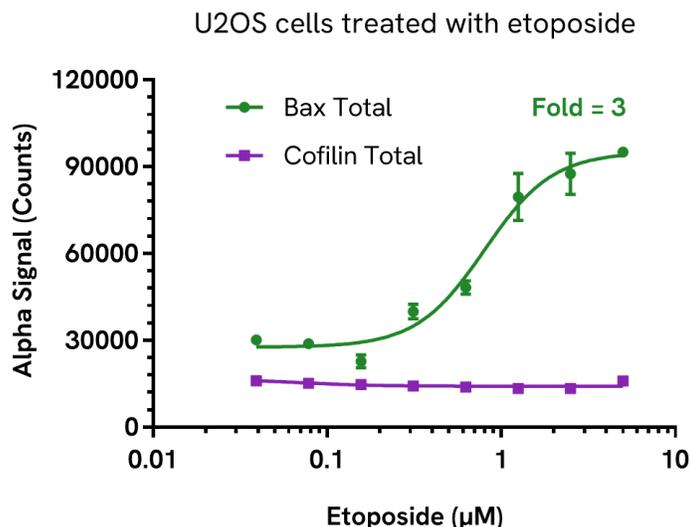
This assay kit contains antibodies which recognize distinct epitopes on Bax. The protein detected by this kit corresponds to UniProt ID Q07812. Bax is also known as Bcl-2-like protein 4 and BCL2L4. These antibodies recognize Bax of human origin. Other species should be tested on a case-by case basis.

Control lysate information:

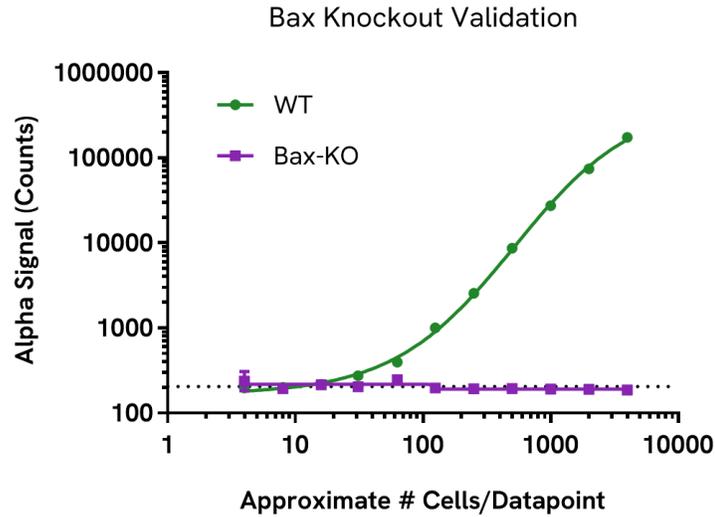
Positive Control Lysate: Prepared from A549 cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 16 mL of Lysis Buffer.

Representative data:

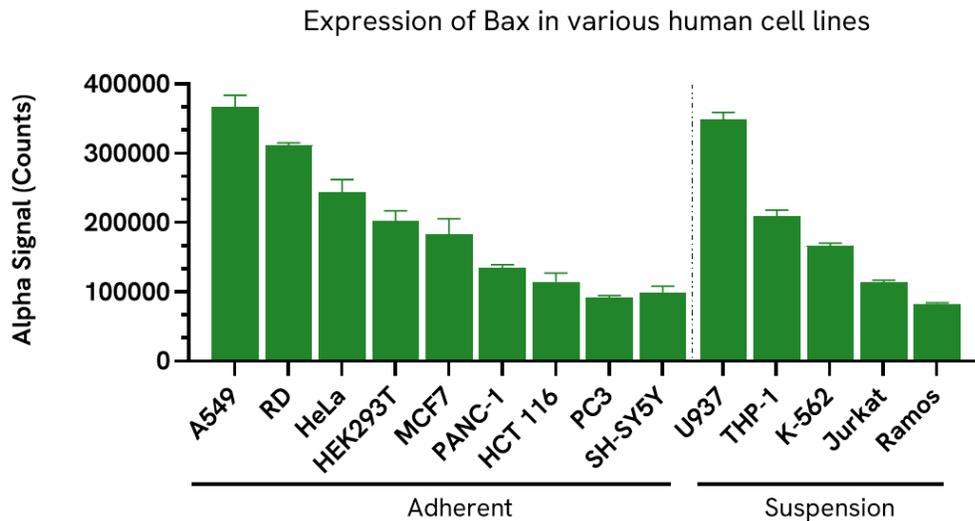
Data obtained with a 2-plate, 2-incubation protocol. U2OS cells were seeded at 10K cells/well in a 96-well plate and incubated overnight. Cells were treated with the increasing concentrations of etoposide for 24 hours in serum free media. Cells were lysed with Lysis Buffer and assayed separately for Total Bax and Cofilin using respective *SureFire Ultra* assay kits. Equivalent to approximately 1,000 cells/datapoint or 200 cells/datapoint for Cofilin.



Data obtained with a 2-plate, 2-incubation protocol. HeLa wild type (WT) and Bax knockout (KO, Abcam ab255363) cells were seeded at increasing cell densities in a 96 well plate and incubated overnight. Cells were lysed with Lysis Buffer and assayed for Bax using the *SureFire Ultra* kit.



Data obtained from measurement of Bax Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint for adherent cells or 10,000 cells/datapoint for suspension cells.



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