

AlphaLISA® SureFire® Ultra™

Human BCL-2 Total Detection Kit

Product number: ALSU-TBCL2-A500, ALSU-TBCL2-A10K,
ALSU-TBCL2-A50K, ALSU-TBCL2-A-HV



Kit specificity:

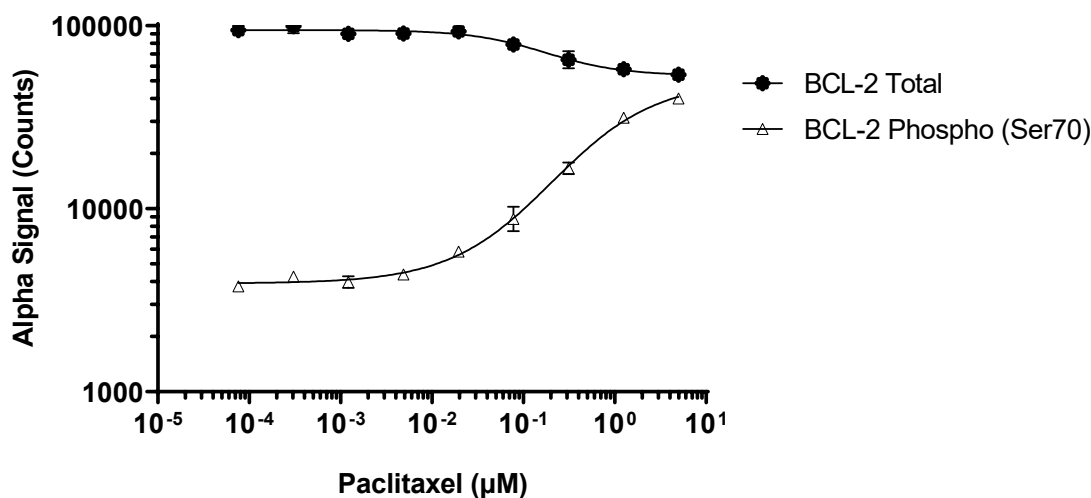
This assay kit contains antibodies which recognize distinct epitopes on BCL-2. The protein detected by this kit corresponds to UniProt ID P10415. BCL-2 is also known as Apoptosis regulator Bcl-2. These antibodies recognize BCL-2 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

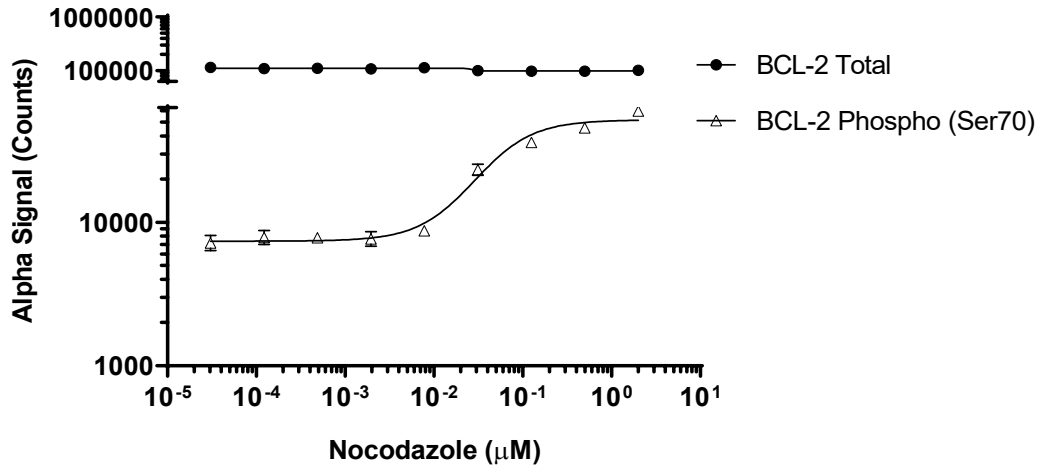
Positive Control Lysate: Prepared from SH-SY5Y cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 1 μ M Paclitaxel for 24 hours and lysed in 5 mL of Lysis Buffer.

Representative data

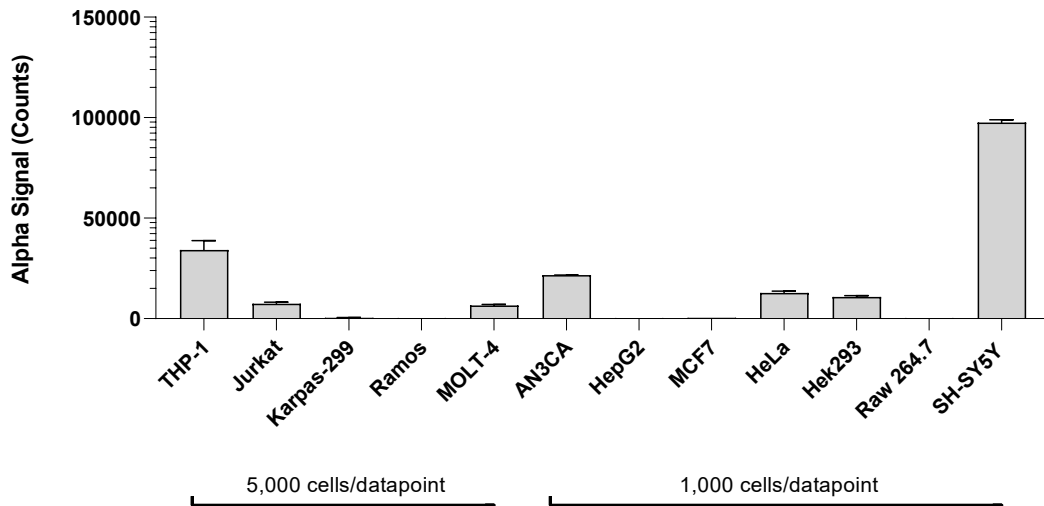
Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were plated at 20K cells/well in a 96 well plate and incubated overnight. Cells were treated with Paclitaxel at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser70) and Total BCL-2 using respective *SureFire Ultra* kits. Equivalent to approximately 2,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. Jurkat cells were seeded at 200L cells/well in a 96 well plate. Cells were treated with Nocodazole at the indicated concentrations for 18 hours. Cells were washed with HBSS and lysed in Lysis Buffer and assayed separately for Phospho (Ser70) and Total BCL-2 using respective *SureFire Ultra* kits. equivalent to approximately 20,000 cells/datapoint.



Data obtained from measurement of BCL-2 Total in various cell types lysed with Lysis Buffer. Approximate number of cells/datapoint is indicated for the various cell lines.



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