

AlphaLISA® SureFire® Ultra™

Human p-Cyclin E1 (Thr77) Detection Kit

Product number: ALSU-PCYCE1-A500, ALSU-PCYCE1-A10K,
 ALSU-PCYCE1-A50K, ALSU-PCYCE1-A-HV



Kit specificity:

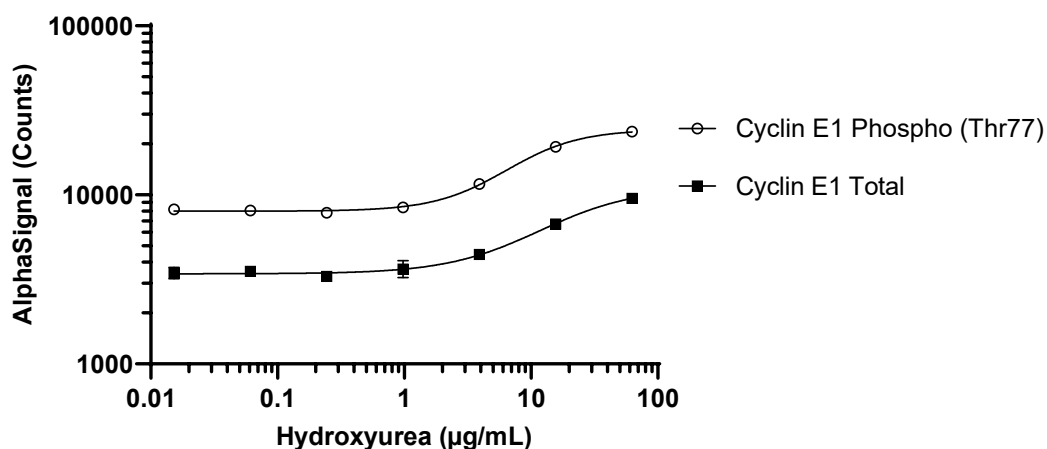
This assay kit contains antibodies which recognize the phospho-Thr77 epitope and a distal epitope on Cyclin E1. The protein detected by this kit corresponds to UniProt ID P24864. Cyclin E1 is also known as G1/S-specific cyclin E1 and CCNE1. These antibodies recognize Cyclin E1 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

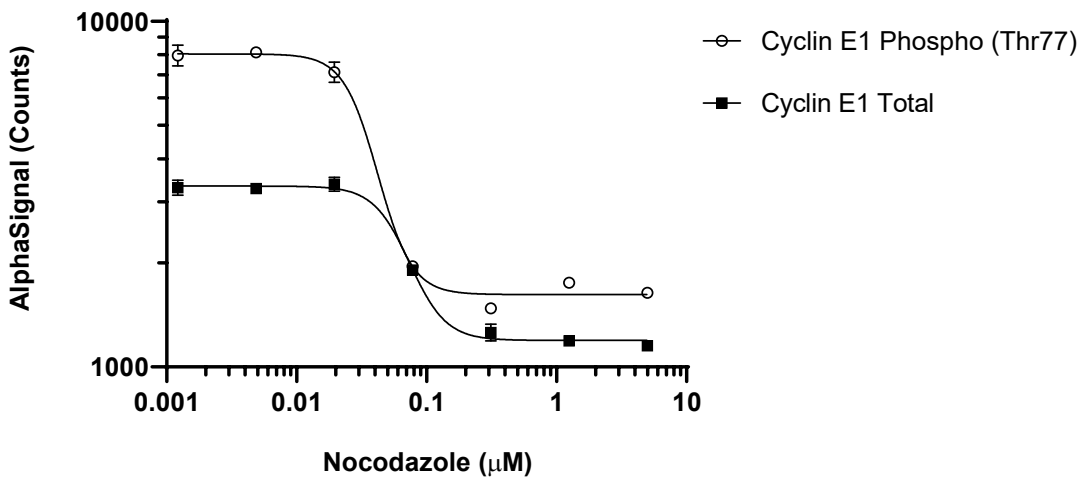
Positive Control Lysate: Prepared from BeWo cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 3 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A549 cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were treated with Hydroxyurea at the indicated concentrations for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr77) and Total Cyclin E1 using respective SureFire Ultra kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. A549 cells were plated at 20K cells/well in a 96 well plate and incubated overnight. Cells were treated with Nocodazole at the indicated concentrations for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr77) and Total Cyclin E1 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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