

AlphaLISA® SureFire® Ultra™

Human CDK7 Total Detection Kit

Product number: ALSU-TCDK7-A500, ALSU-TCDK7-A10K,
ALSU-TCDK7-A50K, ALSU-TCDK7-A-HV



Kit specificity:

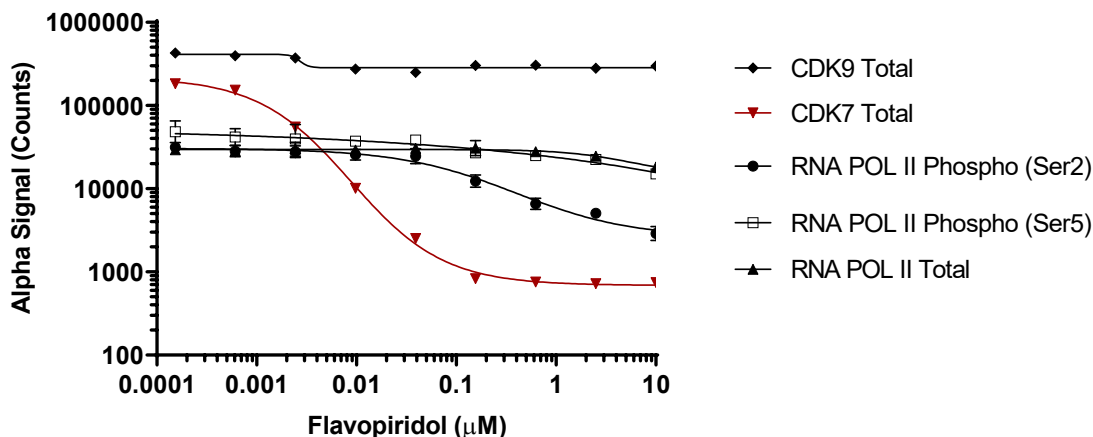
This assay kit contains antibodies which recognize distinct epitopes on CDK7. The protein detected by this kit corresponds to UniProt ID P50613. CDK7 is also known as CAK, CAK1, and CDKN7. These antibodies recognize CDK7 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

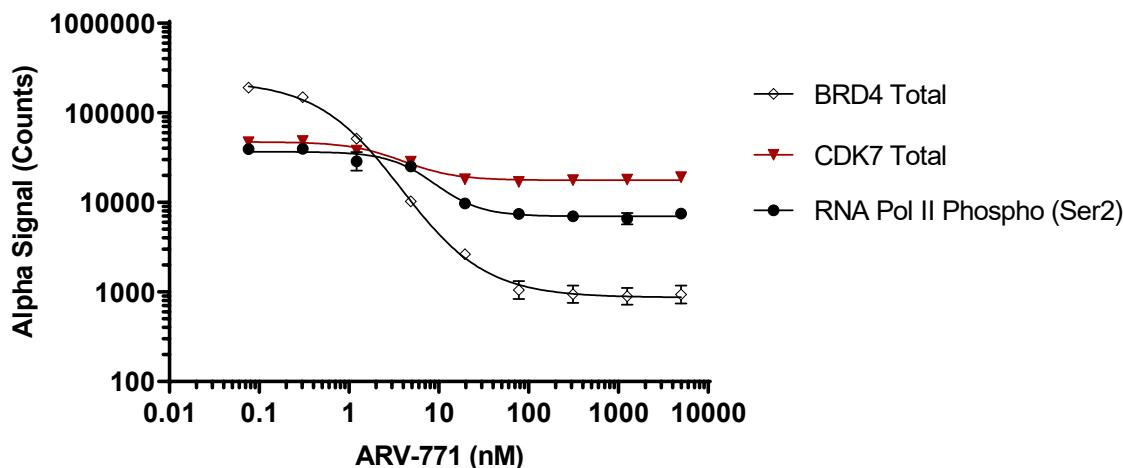
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 5 mL of Lysis Buffer.

Representative data

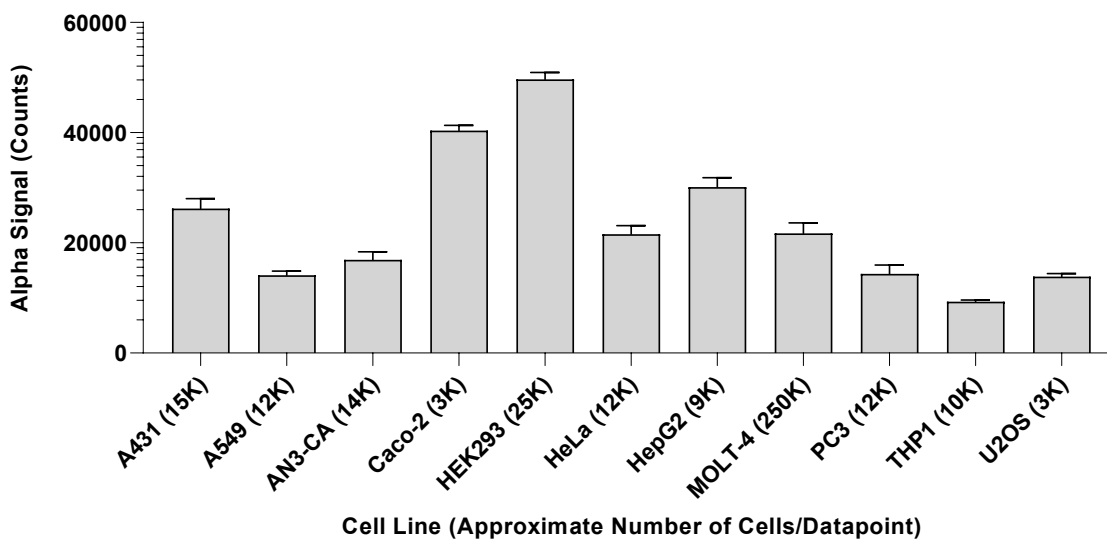
Data obtained with a 2-plate, 2-incubation protocol. LNCaP cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Flavopiridol at the indicated concentrations for 5 hours. Cells were lysed with Lysis Buffer and assayed separately for various targets using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. LNCaP cells were seeded at 20K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with ARV-771 at the indicated concentrations for 20 hours. Cells were lysed with Lysis Buffer and assayed separately for various targets using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained from measurement of CDK7 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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