

AlphaLISA® SureFire® Ultra™

# Human and Mouse CDK9 Total Detection Kit

**Product number:** ALSU-TCDK9-A500, ALSU-TCDK9-A10K,  
ALSU-TCDK9-A50K, ALSU-TCDK9-A-HV



**Kit specificity:**

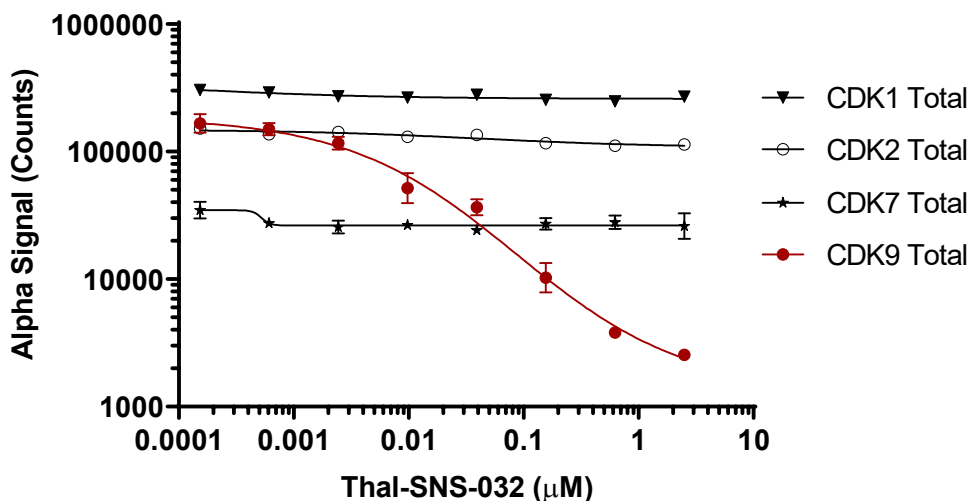
This assay kit contains antibodies which recognize distinct epitopes on CDK9. The protein detected by this kit corresponds to UniProt ID P50750. CDK9 is also known as CDC2L4, CTK1 and TAK. These antibodies recognise CDK9 of human and mouse origin. Other species should be tested on a case-by-case basis.

**Control lysate information:**

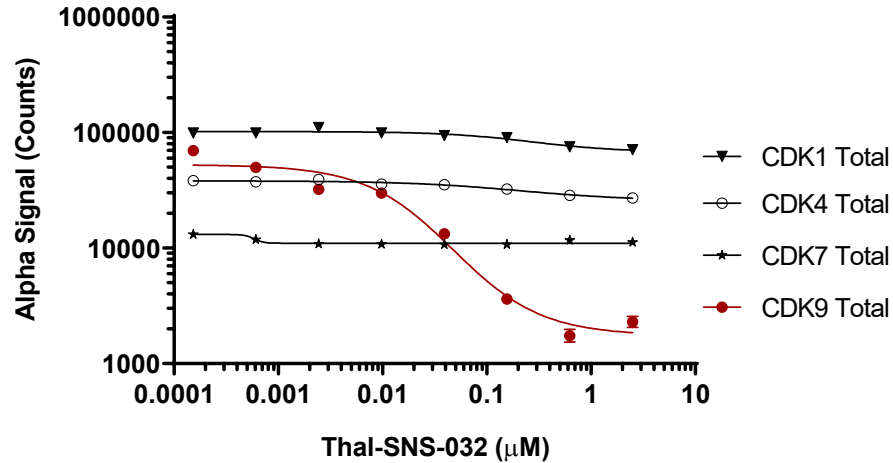
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 8 mL of Lysis Buffer.

**Representative data**

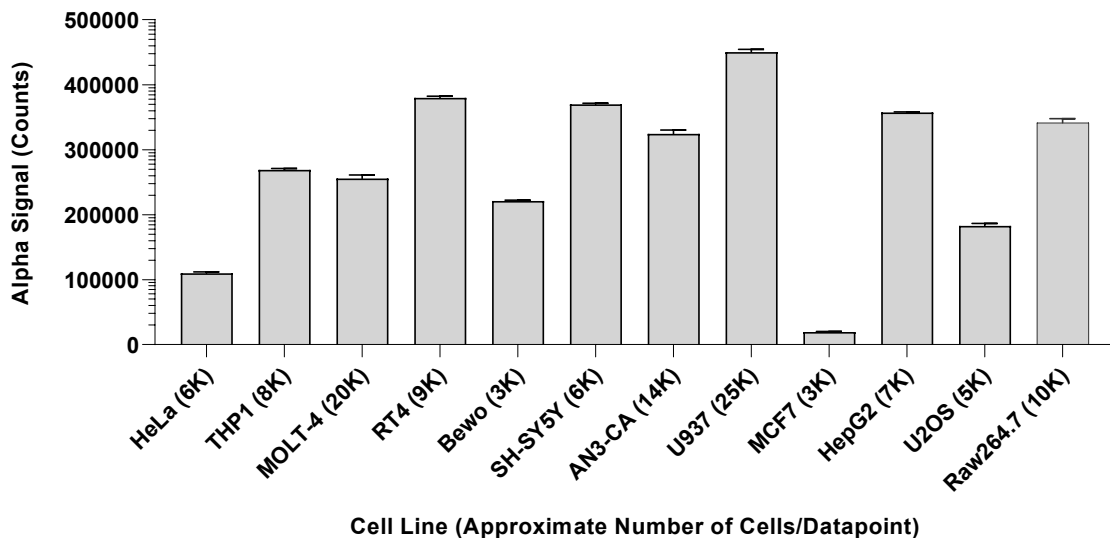
Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Thal-SNS-032 (CDK9 PROTAC) at the indicated concentrations for 5 hours in serum free medium. Cells were lysed with Lysis Buffer and assayed separately for various targets using respective SureFire Ultra kits. Equivalent to approximately 4,000 cells/datapoint.



HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Thal-SNS-032 (CDK9 PROTAC) at the indicated concentrations for 5 hours in serum free medium. 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 CDK9 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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