Kit Specificity
This assay kit contains antibodies which recognize the invariant epitopes on CDK9. The protein detected by this kit corresponds to UniProt ID P50750. CDK9 is also known as CDC2L4, C-2k, 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 medium and lysed in 8 mL of SureFire Ultra Lysis Buffer.

Representative Data
Data obtained with a 2-plate, 2-incubation protocol. HeLa control lysate was serially diluted at the indicated concentrations with SureFire Ultra Lysis Buffer and assayed for Total CDK9 using the SureFire Ultra kit. Equivalent to approximately 25,000 cells/datapoint at 100% lysate.

![Graph showing AlphaSignal counts vs. Lysate Dilutions]
Data obtained for CDK9 Total from screening various lysates prepared from cells lysed in SureFire Ultra Lysis Buffer. The ‘25%’ point corresponds to the approximate number of cells/datapoint indicated for the various cell lines.