

AlphaLISA® SureFire® Ultra™

## Human and Mouse p-Ubiquitin (Ser65) Detection Kit

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



### Kit specificity:

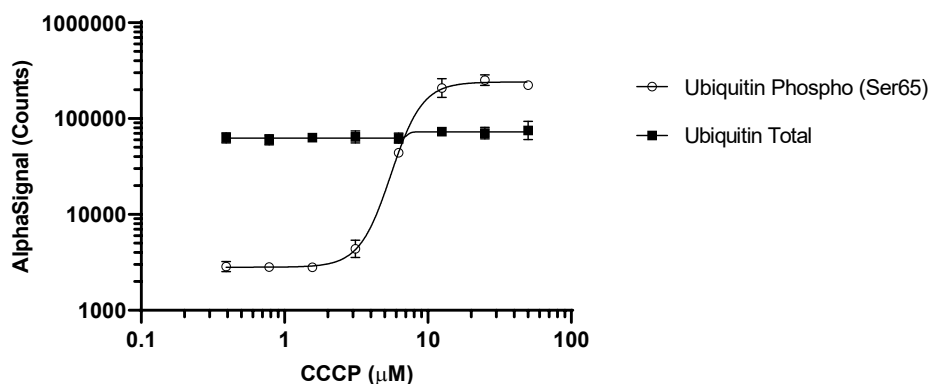
This assay kit contains antibodies which recognize the phospho-Ser65 epitope and a distal epitope on Ubiquitin. The protein detected by this kit corresponds to UniProt ID P0CG47/P0CG48. Ubiquitin is also known as Polyubiquitin B, Polyubiquitin C, UBB and UBC. These antibodies recognize Ubiquitin of human and mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

Positive Control Lysate: Prepared from PC3 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, treated with 50  $\mu\text{M}$  carbonyl cyanide 3-chlorophenylhydrazone (CCCP) for 2 hours and lysed with 4 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. PC3 cells were seeded at 30K cells/well in a 96 well plate and incubated overnight. Cells were treated with CCCP at the indicated concentrations for 2 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (S65) and Total Ubiquitin using respective *SureFire Ultra* kits. Equivalent to approximately 3,000 cells/datapoint.



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