

AlphaLISA® SureFire® Ultra™

Human p-Parkin (Ser65) Detection Kit

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



Kit specificity:

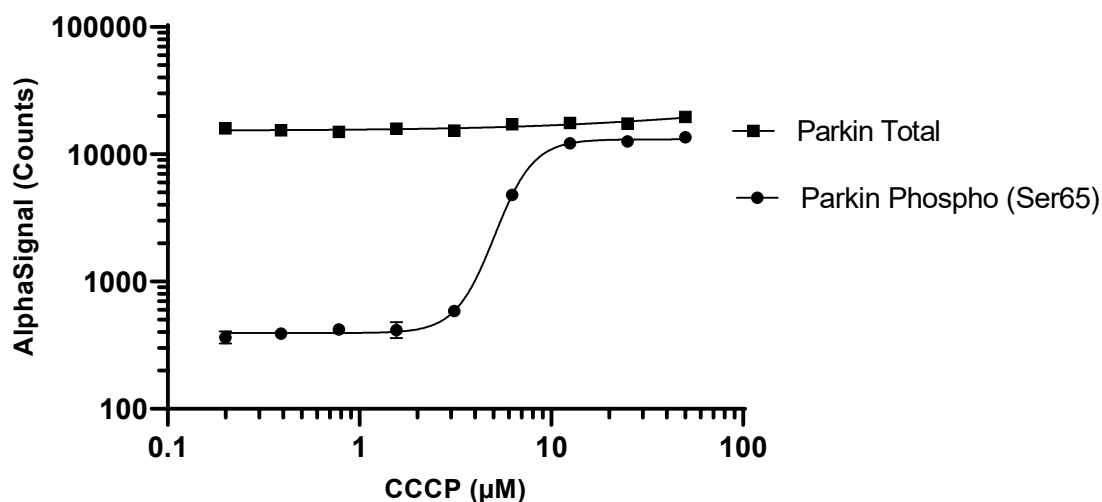
This assay kit contains antibodies which recognize the phospho-Ser65 epitope and a distal epitope on Parkin. The protein detected by this kit corresponds to UniProt ID O60260. Parkin is also known as E3 ubiquitin-protein ligase Parkin and PRKN. These antibodies recognize Parkin of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

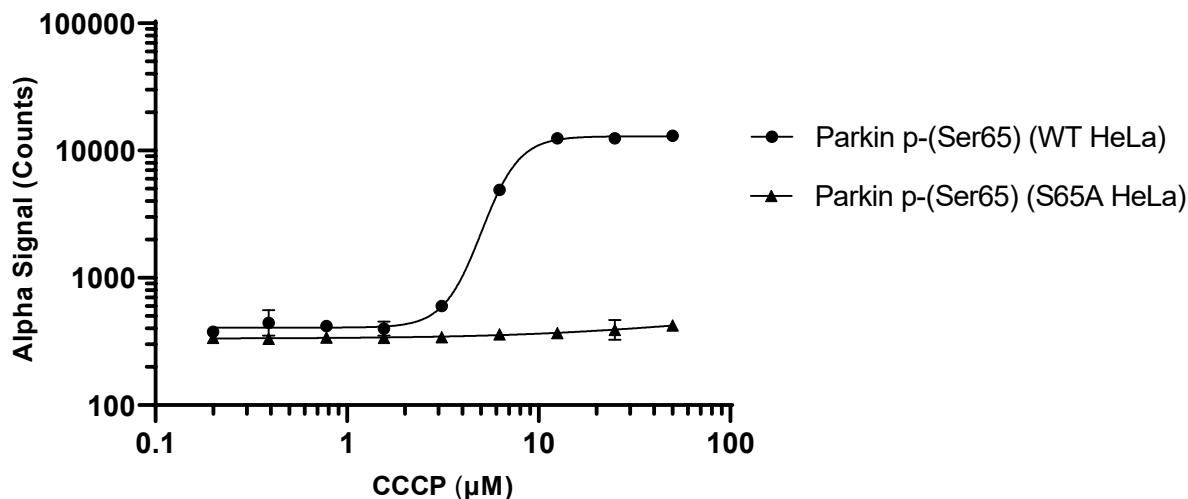
Positive Control Lysate: Prepared from HeLa cells transfected with WT-Parkin, cultured to confluence in T175 flasks in 10% FBS containing media, then treated with 20 μ M CCCP for 1 hour and lysed with 3 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells transfected with WT-Parkin were plated at 40K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with CCCP at the indicated concentrations for 1 hour. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser65) and Total Parkin using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. HeLa cells transfected with either WT-Parkin or mutated Parkin(S65A) were plated at 40K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with CCCP at the indicated concentrations for 1 hour. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser65) Parkin using *SureFire Ultra* kit. Equivalent to approximately 8,000 cells/datapoint.



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