

AlphaLISA® SureFire® Ultra™

# Human and Mouse p-LRRK2 (Ser935) Detection Kit

**Product number:** ALSU-PLRRK2-A500, ALSU-PLRRK2-A10K,  
 ALSU-PLRRK2-A50K, ALSU-PLRRK2-A-HV



### Kit specificity:

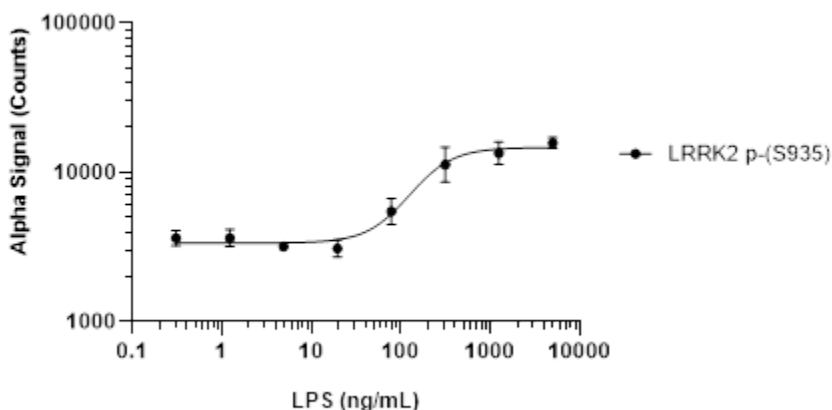
This assay kit contains antibodies which recognize the phospho Ser935 epitope and a distal epitope on LRRK2. The protein detected by this kit corresponds to UniProt ID Q5S007. LRRK2 is also known as Leucine-rich repeat serine/threonine-protein kinase 2 and Dardarin. These antibodies recognize LRRK2 of human and mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

Positive Control Lysate: Prepared from RAW 264.7 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, treated with 5 µg/mL LPS for 1 hour, lysed with 5 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were plated at 80K cells/well in a 96 well plate and incubated overnight. Cells were treated with LPS at the indicated concentrations for 1 hour. Cells were lysed with Lysis Buffer and assayed for Phospho (Ser935) LRRK2 using the *SureFire Ultra* kit. Equivalent to approximately 8,000 cells/datapoint.



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