

Alpha SureFire® Ultra™ Multiplex

Human p-NF-κB p65 (Ser536) + Total NF-κB p65 Detection Kit

Product number: MPSU-PTNFKB-K500, MPSU-PTNFKB-K10K,
MPSU-PTNFKB-K50K, MPSU-PTNFKB-K-HV



Kit specificity:

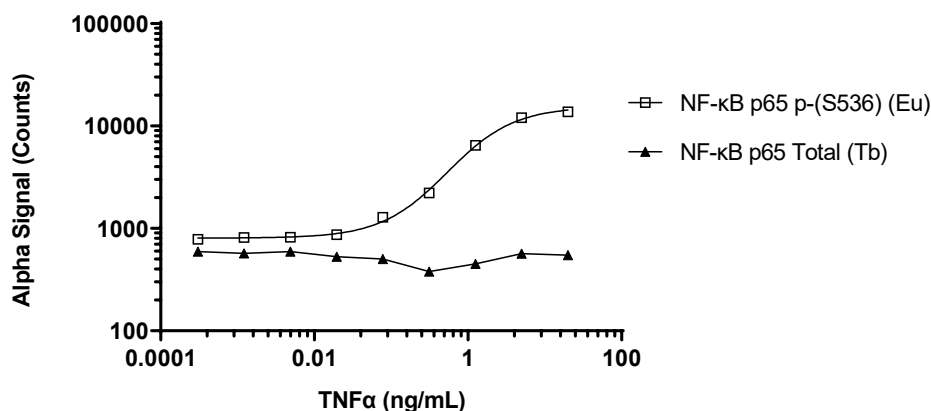
This assay kit contains antibodies which recognize the phospho-Ser536 epitope and a distal epitope on NF-κB, plus antibodies to detect Total NF-κB p65. The protein detected in this kit corresponds to UniProt ID Q04206. NF-κB p65 is also known as Transcription factor p65, RELA and NFKB3. These antibodies recognize NF-κB p65 of human 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, treated with 50 ng/mL TNFα and 20 ng/mL Calyculin A for 10 minutes and lysed with 10 mL of Lysis Buffer.

Representative data

Data obtained from a 2-plate, 2-incubation protocol. HeLa cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were serum starved for 2 hours, then treated with TNFα at the indicated concentrations for 5 minutes. Cells were lysed with Lysis Buffer and assayed for Phospho (536) and Total NF-κB p65 in the same wells of an assay plate using the SureFire Ultra Multiplex kit. Equivalent to approximately 1,000 cells/datapoint.



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