

AlphaLISA® SureFire® Ultra™

Human and Mouse p-B-Raf (Ser446) Detection Kit

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



Kit specificity:

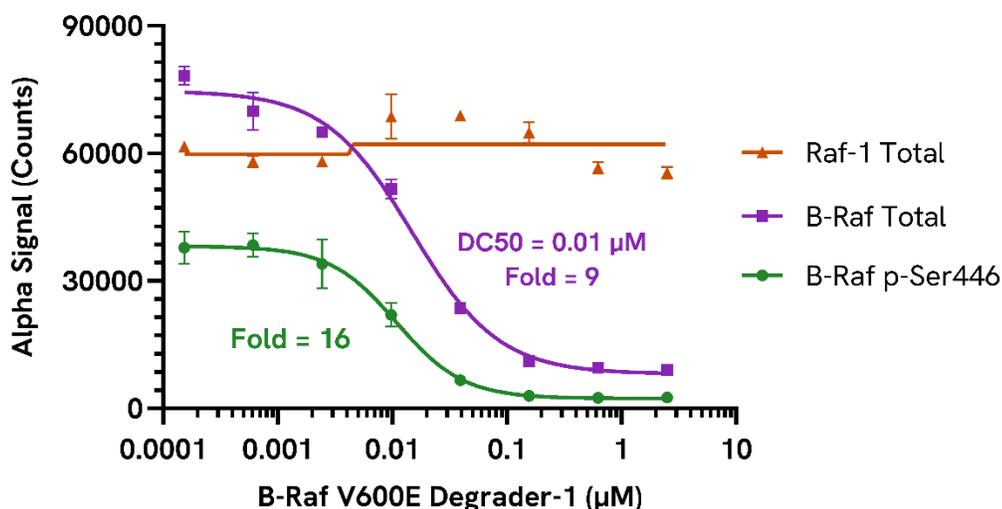
This assay kit contains antibodies which recognize the phospho-Ser446 epitope and a distal epitope on B-Raf. The protein detected by this kit corresponds to UniProt ID P15056. B-Raf is also known as serine/threonine-protein kinase B-Raf and proto-oncogene B-Raf. These antibodies recognize B-Raf of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

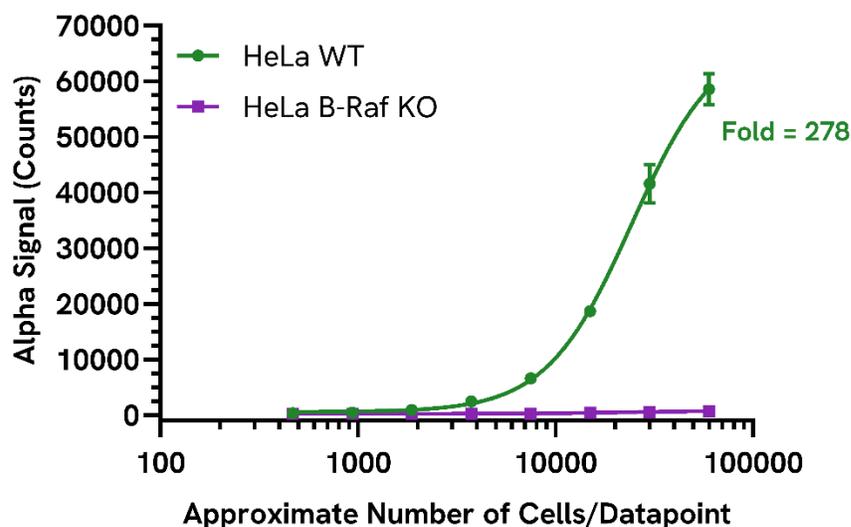
Positive Control Lysate: Prepared from HEK 293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 10 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. A375 cells were seeded at 10K cells/well and incubated overnight. Cells were treated with a B-Raf PROTAC, B-Raf V600E Degrader-1, at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser446) and Total B-Raf and Total Raf-1 using respective *SureFire Ultra* kits. Equivalent to approximately 1,000 cells/datapoint.



HeLa wild type (WT) and HeLa B-Raf knockout (KO) (Abcam) cells were cultured to confluency in T175 flasks. Each flask was lysed in 4 mL of Lysis Buffer then serially diluted in Lysis Buffer and evaluated for Phospho (Ser446) B-Raf using the *SureFire Ultra* assay kit. Approximate number of cells/datapoint is indicated.



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