

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:

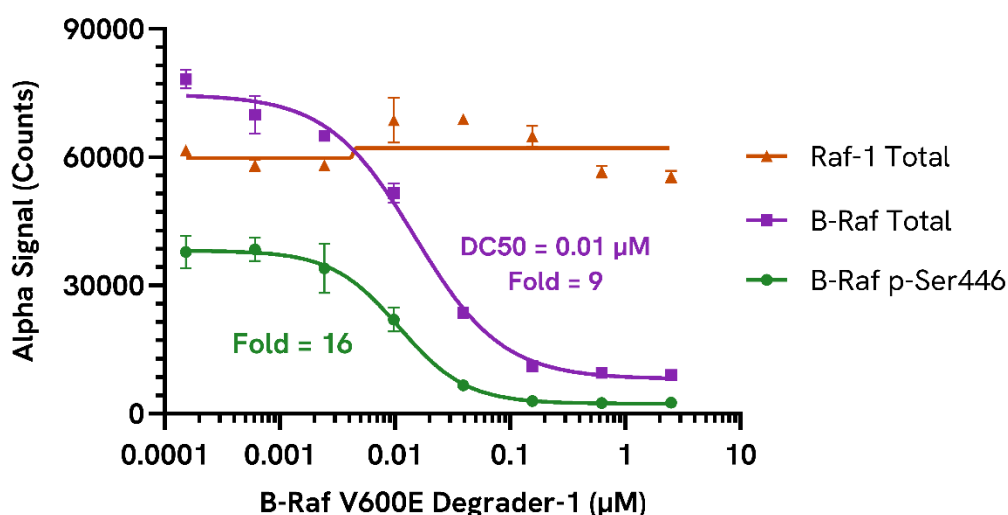
This assay kit contains antibodies which recognize the phospho-Ser446 epitope and a distal epitope on B-Raf. The protein detected by this kit corresponds to UniProt ID P15056. B-Raf is also known as serine/threonine-protein kinase B-Raf and proto-oncogene B-Raf. These antibodies recognize B-Raf of human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

Control lysate information:

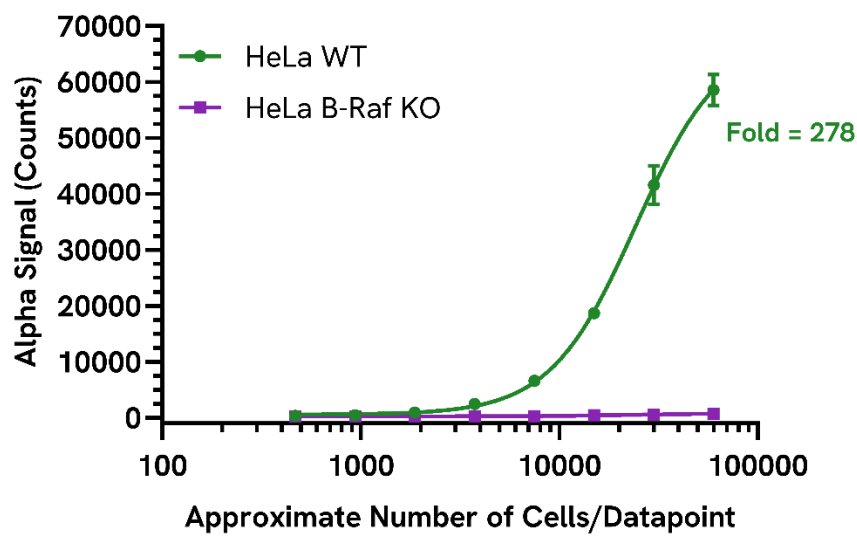
Positive Control Lysate: Prepared from HEK 293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 10 mL of Lysis Buffer.

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.



The information provided in this document is for reference purposes only and may not be all-inclusive. Revvity, Inc., its subsidiaries, and/or affiliates (collectively, “Revvity”) do not assume liability for the accuracy or completeness of the information contained herein. Users should exercise caution when handling materials as they may present unknown hazards. Revvity shall not be liable for any damages or losses resulting from handling or contact with the product, as Revvity cannot control actual methods, volumes, or conditions of use. Users are responsible for ensuring the product's suitability for their specific application. REVVITY EXPRESSLY DISCLAIMS ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, REGARDLESS OF WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, ALLEGEDLY ARISING FROM ANY USAGE OF ANY TRADE OR ANY COURSE OF DEALING, IN CONNECTION WITH THE USE OF INFORMATION CONTAINED HEREIN OR THE PRODUCT ITSELF”