

AlphaLISA® SureFire® Ultra™

Human PI3 Kinase p85 Total Detection Kit

Product number: ALSU-TPI3K-B500, ALSU-TPI3K-B10K,
 ALSU-TPI3K-B50K, ALSU-TPI3K-B-HV



Kit specificity:

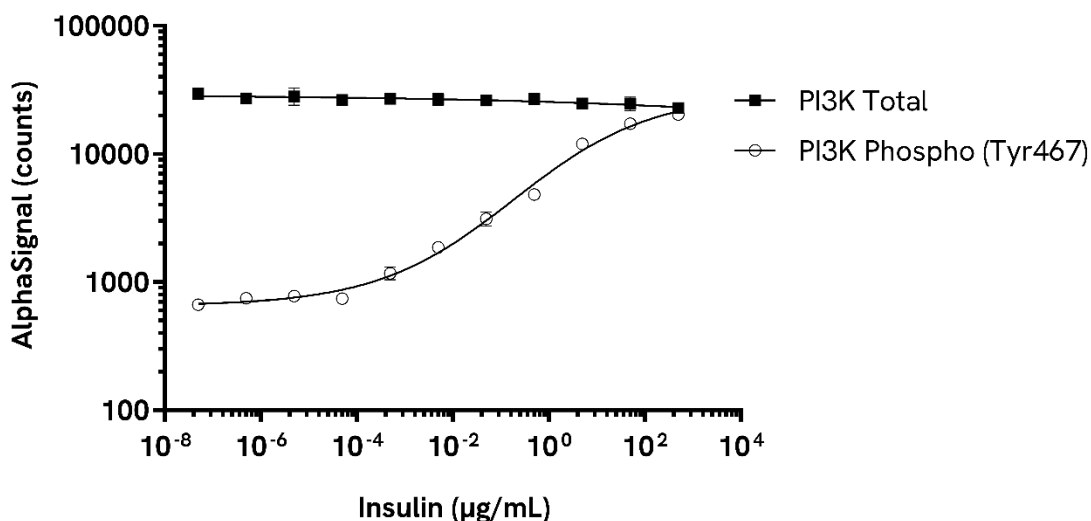
This assay kit contains antibodies which recognize distinct epitopes on PI3 Kinase p85. The protein detected by this kit corresponds to UniProt ID P27986. PI3 Kinase is also known as Phosphoinositide 3-kinase. These antibodies recognize PI3 Kinase p85 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

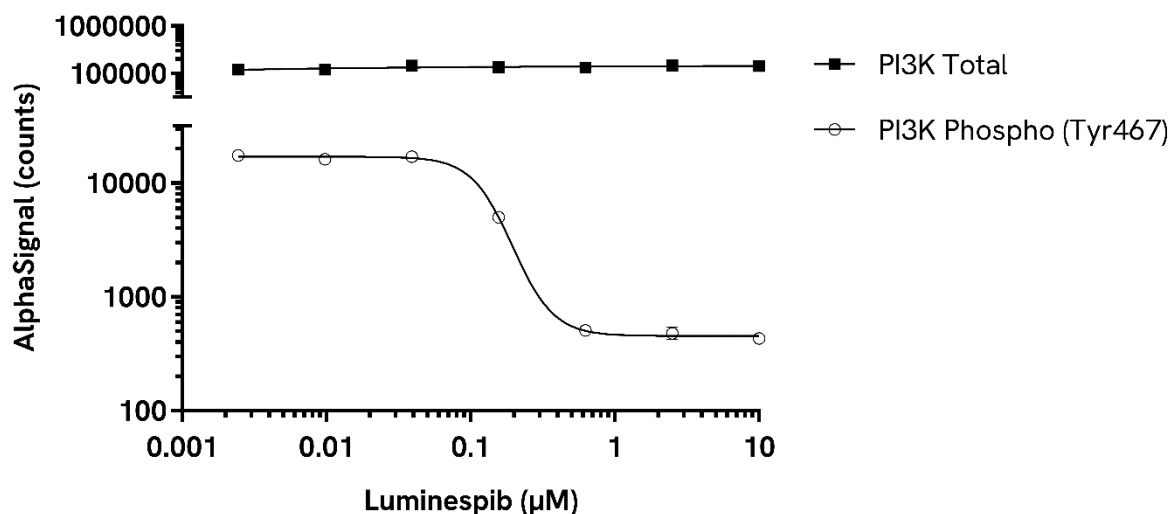
Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were starved for 2 hours in serum free media, stimulated with 20 µg/mL Insulin for 5 minutes and then lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2 plate, 2 incubation protocol. HEK293 cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were starved for 2 hours and then treated with Insulin at the indicated concentrations for 5 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr467) and Total PI3 Kinase p85 using respective *SureFire Ultra* kits. Equivalent to approximately 2,000 cells/datapoint.



Data obtained with a 2 plate, 2 incubation protocol. HEK293 cells were seeded at 60K cells/well in a 96 well plate and incubated overnight. Cells were treated with Luminespib at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr467) and Total PI3 Kinase p85 using respective *SureFire Ultra* kits. Equivalent to approximately 12,000 cells/datapoint.



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