

AlphaLISA® SureFire® Ultra™

Human and Mouse p-PLCγ1 (Tyr1253) Detection Kit

Product number: ALSU-PPLCG1-C500, ALSU-PPLCG1-C10K,
 ALSU-PPLCG1-C50K, ALSU-PPLCG1-C-HV



Kit specificity:

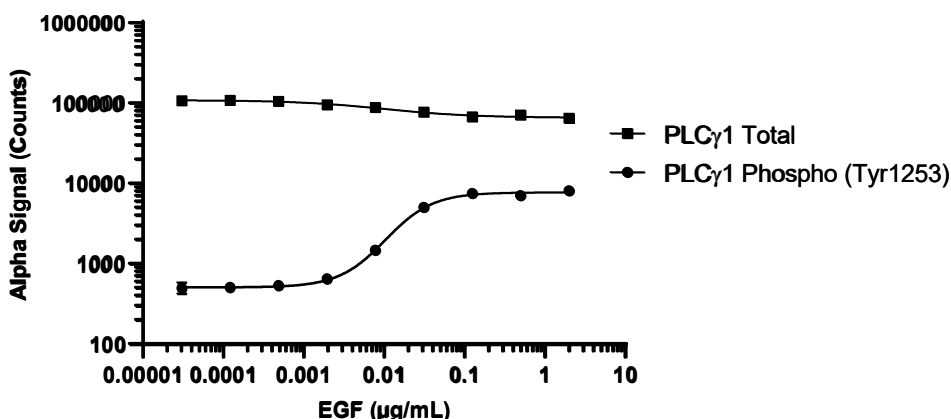
This assay kit contains antibodies which recognize phospho-Tyr1253 and a distal epitope on PLCγ1. The protein detected by this kit corresponds to UniProt ID P19174. These antibodies recognize PLCγ1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from A-431 cells, cultured to 90% confluence in T175 flasks in 10% FBS containing media, then treated with 250 ng/mL EGF for 10 minutes and lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A-431 cells were seeded 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with EGF at the indicated concentrations for 10 minutes. Cells were then lysed with Lysis buffer and assayed for Phospho (Tyr1253) and Total PLCγ1 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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