

Alpha SureFire® Ultra™ Multiplex

Human p-EGF Receptor (Tyr1068) + Total EGF Receptor Detection Kit

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



Kit specificity:

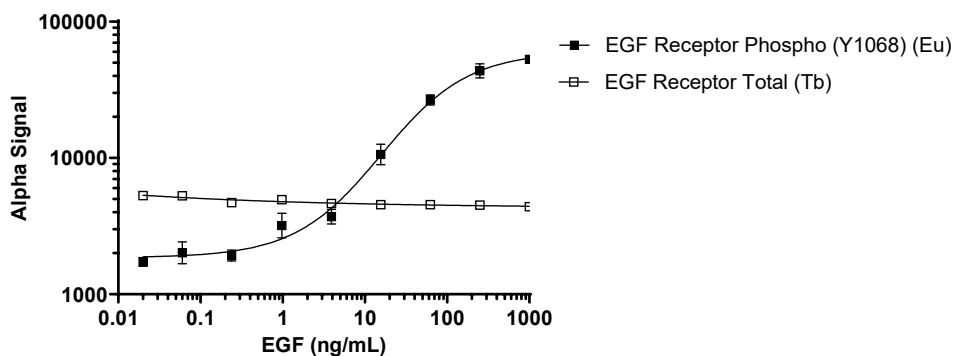
This assay kit contains antibodies which recognize the phospho-Tyr1068 epitope and a distal epitope on EGF Receptor, plus antibodies to measure the total levels of EGF Receptor. The protein detected by this kit corresponds to UniProt ID P00533. EGF Receptor is also known as HER1 and ERBB1. These antibodies recognize EGF Receptor of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from A431 cells cultured to confluence in T175 flasks in 10% FBS containing media, treated with 2 µg/mL rhEGF for 10 minutes and lysed with 8 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A431 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were starved for 2 hours then treated with EGF at the indicated concentrations for 10 minutes. Cells were lysed with Lysis buffer and assayed for both Phospho (Tyr1068) and Total EGF Receptor in the same wells of an assay plate using the *SureFire Ultra* Multiplex kit. Equivalent to approximately 4,000 cells/datapoint.



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