AlphaLISA® *SureFire® Ultra™*

Human AXL Total Detection Kit

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

Kit specificity:

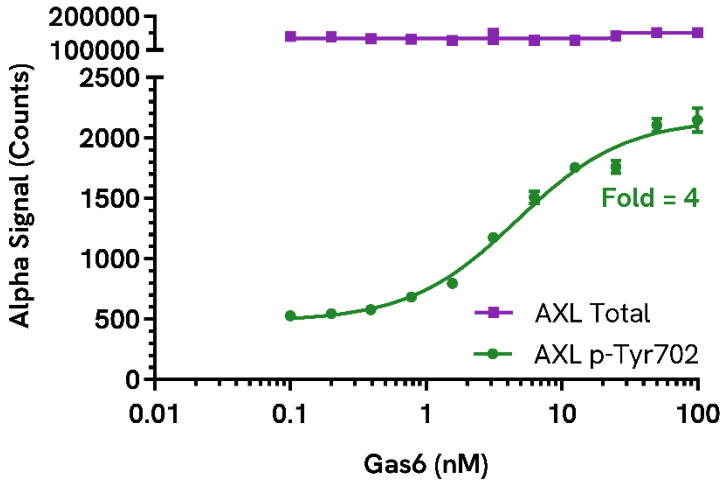
This assay kit contains antibodies which recognize distinct epitopes on AXL. The protein detected by this kit corresponds to UniProt ID P30530. AXL is also known as Tyrosine-protein kinase receptor UFO. These antibodies recognize AXL of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

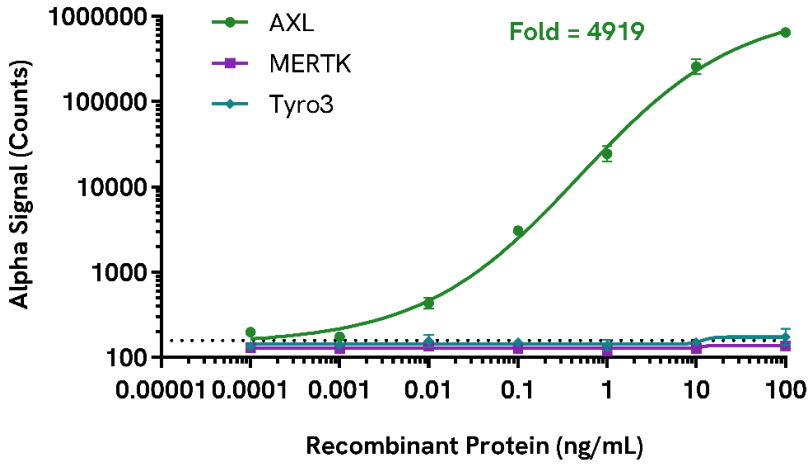
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were treated with 10 mM H_2O_2 for 15 minutes and lysed with 4 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. A549 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Gas6 protein at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr702) and Total AXL using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



AXL, MERTK, and Tyro3 recombinant human proteins were serially diluted in Lysis Buffer and evaluated using the AXL Total *SureFire Ultra* kit. No cross-reactivity against MERTK and Tyro3 was observed despite sharing up to 46% identity with AXL.



Data obtained from measurement of AXL Total in various cell types. Adherent cell lines were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were lysed with 100 µL of Lysis Buffer. Suspension cell lines were seeded at 100K cells/well in a 96-well plate in HBSS + 0.1% BSA, cells were spun down and lysed with 100 µL of Lysis Buffer. Suspension cell lysates were further diluted 1:2.5 with Lysis Buffer. Approximately 4,000 cells/datapoint for the various cell lines.