

AlphaLISA™ SureFire® Biotin Free

Human and Mouse AR-FL Specific Total Detection Kit

Product number: ASBF-TARFLS-A500, ASBF-TARFLS-A10K,
ASBF-TARFLS-A50K, ASBF-TARFLS-A-HV



Kit specificity:

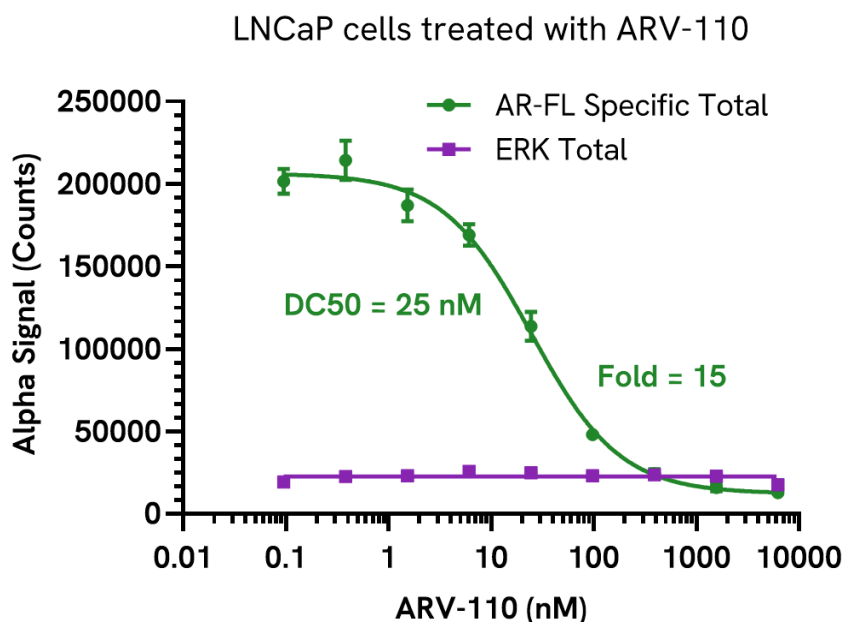
This assay kit contains antibodies that recognize distinct epitopes on AR. The protein detected by this kit corresponds to UniProt ID P10275. AR is also known as Androgen Receptor and Dihydrotestosterone receptor. These antibodies recognize AR of human and mouse origin. Other species should be tested on a case-by-case basis. This assay specifically recognizes Full Length AR protein.

Control lysate information:

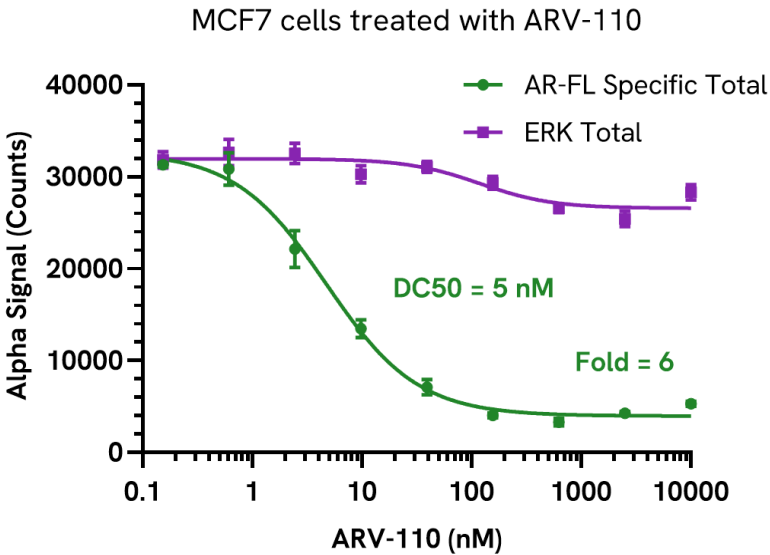
Positive Control Lysate: Prepared from LNCaP cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 8 mL of Lysis Buffer.

Representative data:

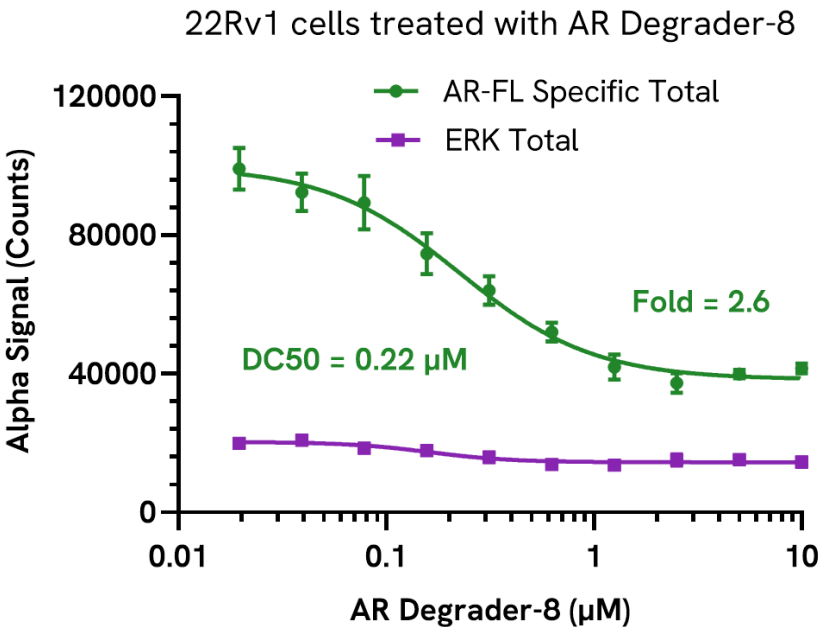
Data obtained with a 2-plate, 2-incubation protocol. LNCaP cells were seeded at 60K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of ARV-110 PROTAC for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for AR-FL and Total ERK using respective SureFire Biotin Free kits. Equivalent to approximately 1,200 cells/datapoint.



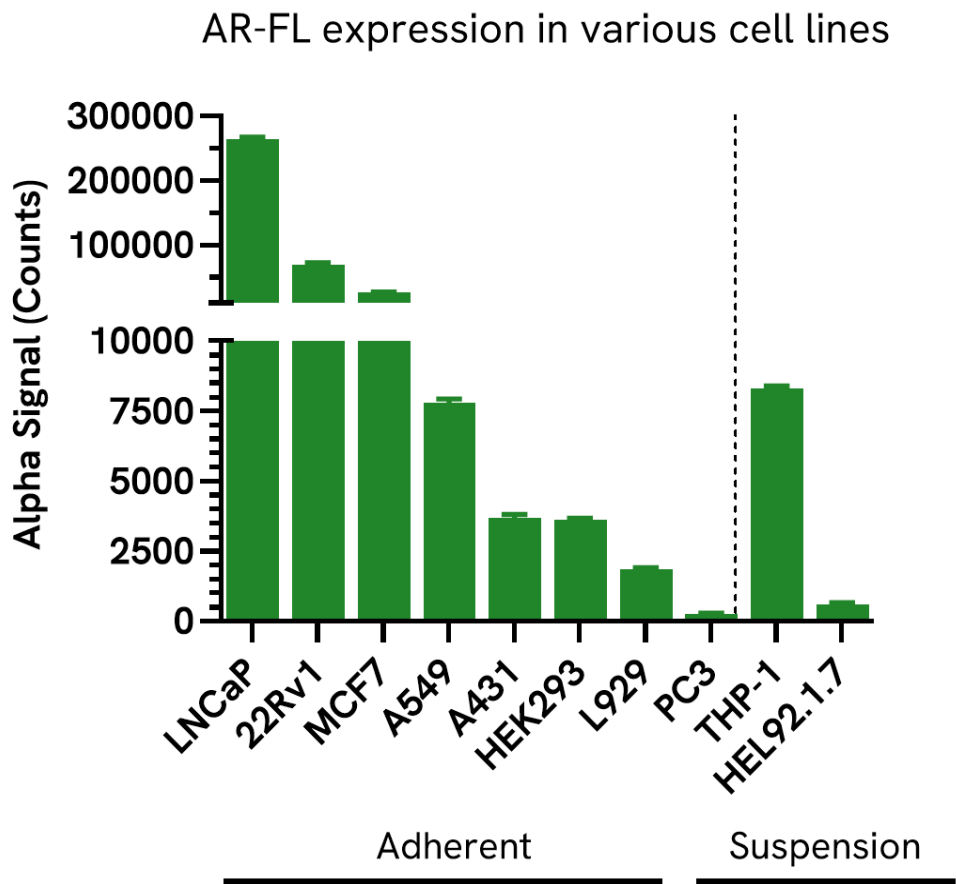
Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of ARV-110 PROTAC for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for AR-FL and Total ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. 22Rv1 cells were seeded at 60K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of AR Degrader-8 for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for AR-FL and Total ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 1,200 cells/datapoint.



Data obtained from measurement of AR-FL in various cell types lysed with Lysis Buffer. Equivalent to approximately 5,000 cells/datapoint for adherent cells and 16,000 cells/datapoint for suspension cells.



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