

AlphaLISA™ SureFire® Biotin Free

Human AR/BRD4 Ternary Complex Detection Kit

Product number: ASBF-CARBR4-A500, ASBF-CARBR4-A10K,
ASBF-CARBR4-A50K, ASBF-CARBR4-A-HV



Kit specificity:

This assay kit contains antibodies which recognize distinct epitopes on AR and BRD4. The protein detected by this kit corresponds to UniProt ID's P10275 (AR) and O60885 (BRD4) and a positive signal will only be achieved when the AR and BRD4 proteins are in a complex together. These antibodies recognize AR/BRD4 Complex of human origin. Other species should be tested on a case-by-case basis.

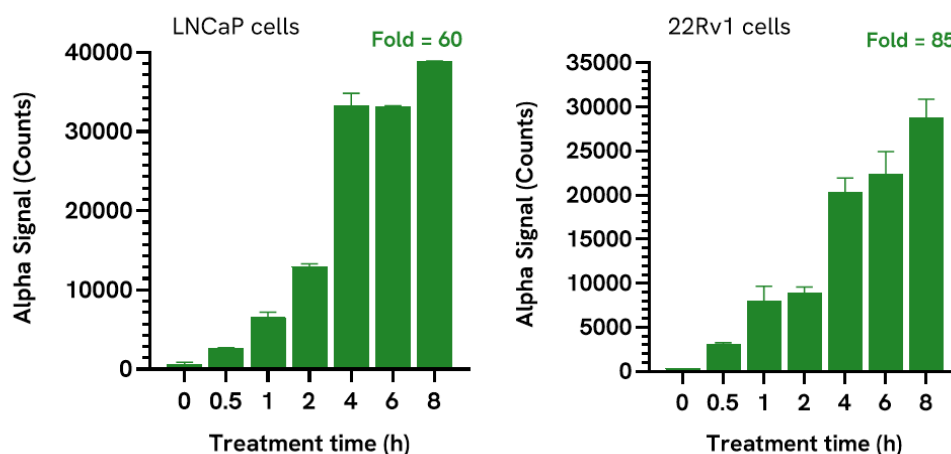
Control lysate information:

Positive Control Lysate: Prepared from LNCaP cells, cultured to confluence in T175 flasks in 10% FBS containing media. Cells were treated with 100 nM AR/BRD4 RIPTAC for 4 hours and lysed with 4 mL of Lysis Buffer.

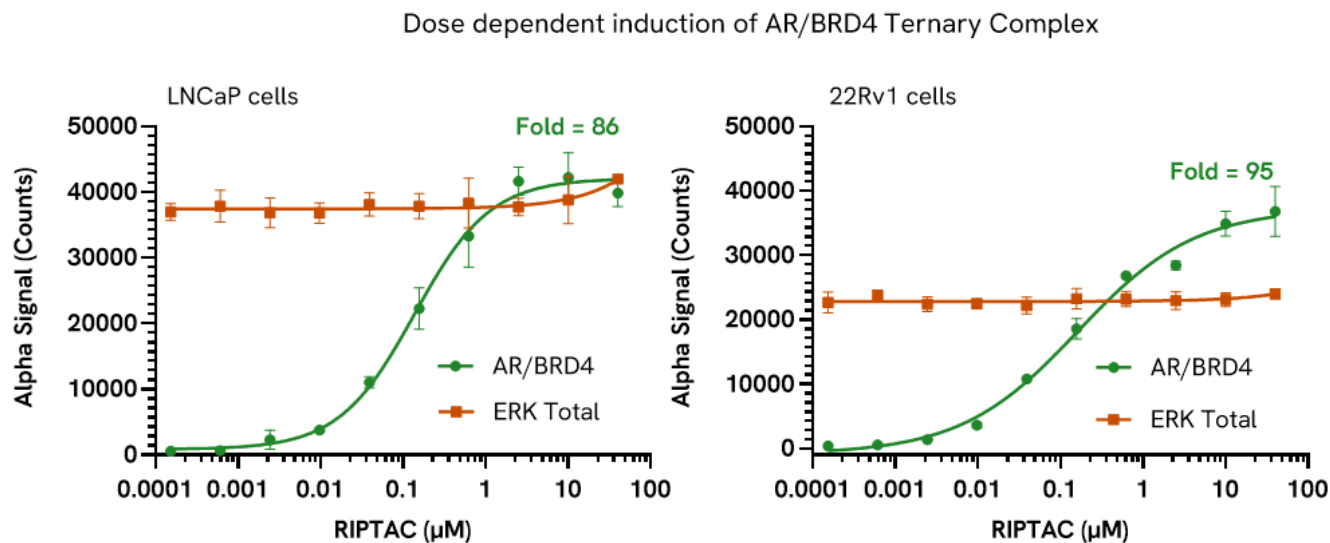
Representative data:

Data obtained using a 2-plate, 2-incubation protocol. LNCaP and 22Rv1 cells were seeded at 60K/well in a 96-well plate and incubated overnight. Cells were treated with 200 nM AR/BRD4 RIPTAC for the indicated time points. Cells were lysed with Lysis Buffer and assayed for AR/BRD4 Ternary Complex using the SureFire Biotin Free kit. Equivalent to approximately 12,000 cells/datapoint.

Induction of AR/BRD4 Ternary Complex



Data obtained using a 2-plate, 2-incubation protocol. LNCaP and 22Rv1 cells were seeded at 60K/well in a 96-well plate and incubated overnight. Cells were treated with the indicated concentrations of AR/BRD4 RIPTAC for 4 hours. Cells were lysed with Lysis Buffer and assayed separately for AR/BRD4 Ternary Complex and Total ERK using respective *SureFire* Biotin Free kit. Equivalent to approximately 12,000 cells/datapoint.



The information provided in this document is for reference purposes only and may not be all-inclusive. Revvity, Inc., its subsidiaries, and/or affiliates (collectively, “Revvity”) do not assume liability for the accuracy or completeness of the information contained herein. Users should exercise caution when handling materials as they may present unknown hazards. Revvity shall not be liable for any damages or losses resulting from handling or contact with the product, as Revvity cannot control actual methods, volumes, or conditions of use. Users are responsible for ensuring the product’s suitability for their specific application. REVVITY EXPRESSLY DISCLAIMS ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, REGARDLESS OF WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, ALLEGEDLY ARISING FROM ANY USAGE OF ANY TRADE OR ANY COURSE OF DEALING, IN CONNECTION WITH THE USE OF INFORMATION CONTAINED HEREIN OR THE PRODUCT ITSELF”