

AlphaLISA™ SureFire® Biotin Free

Human and Mouse LDLR Total Detection Kit

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



Kit specificity:

This assay kit contains antibodies which recognize distinct epitopes on LDLR. The protein detected by this kit corresponds to UniProt ID P01130. LDLR is also known as low-density lipoprotein receptor. These antibodies recognize LDLR of human and mouse origin. Other species should be tested on a case-by-case basis.

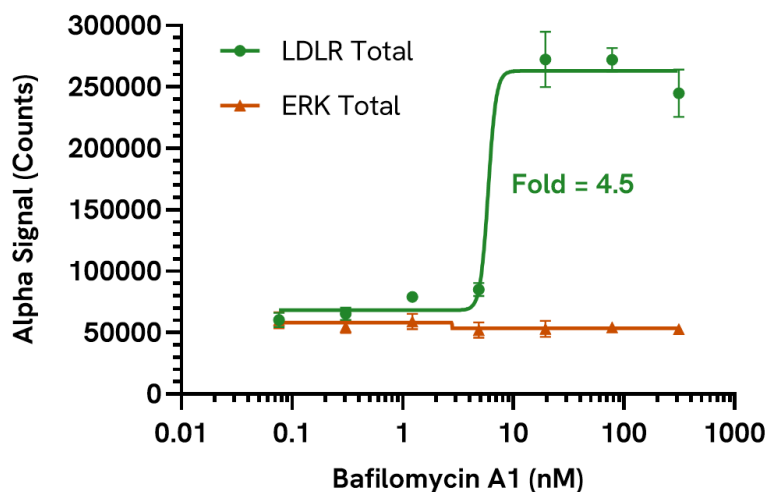
Control lysate information:

Positive Control Lysate: Prepared from HepG2 cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 10 mL of Lysis Buffer.

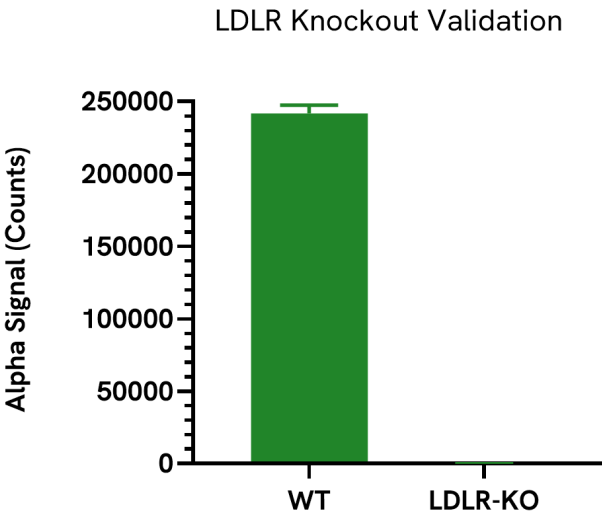
Representative data:

Data obtained with a 2-plate, 2-incubation protocol. HepG2 cells were seeded at 50K cells/well in a 96 well plate in complete medium and incubated overnight. Cells were treated with Bafilomycin at the indicated concentrations for 16 hours. Cells were lysed with Lysis Buffer and assayed separately for Total LDLR and ERK using respective SureFire Biotin Free kits. Equivalent to approximately 500 cells/datapoint (LDLR) or 5,000 cells/datapoint (ERK).

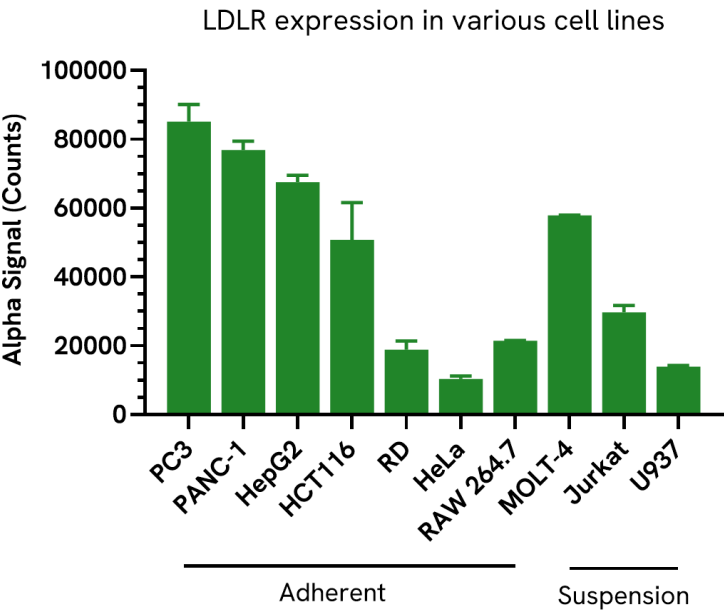
HepG2 cells treated with Bafilomycin A1



HeLa WT and LDLR KO cells were cultured to confluence in a T175 flask and lysed in Lysis Buffer. LDLR levels were evaluated using the *SureFire* Biotin Free assay. Equivalent to approximately 2,000 cells/datapoint.



Data obtained from measurement of LDLR in various cell types lysed with Lysis Buffer. Equivalent to approximately 400 adherent or 4,000 suspension cells/datapoint.



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