AlphaLISA™ *SureFire*® Biotin Free

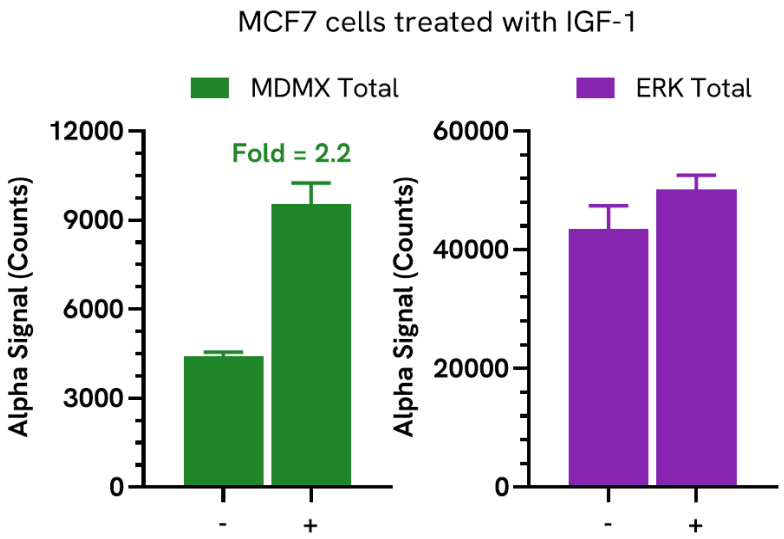
Human MDMX Total Detection Kit

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

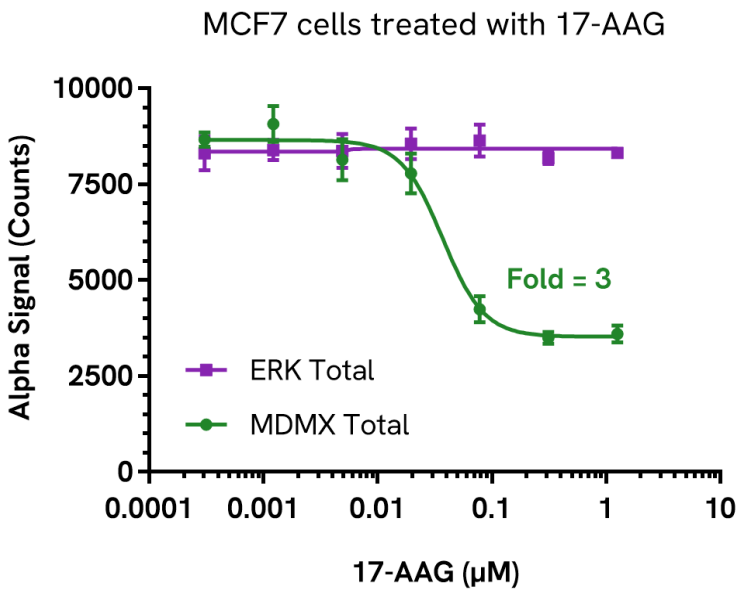
Kit specificity:
This assay kit contains antibodies which recognize distinct epitopes on MDMX. The protein detected by this kit corresponds to UniProt ID O15151. MDMX is also known as MDM4 and Mdm2-like p53-binding protein. These antibodies recognize MDMX of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:
Positive Control Lysate: Prepared from MCF7 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 2 mL of Lysis Buffer.

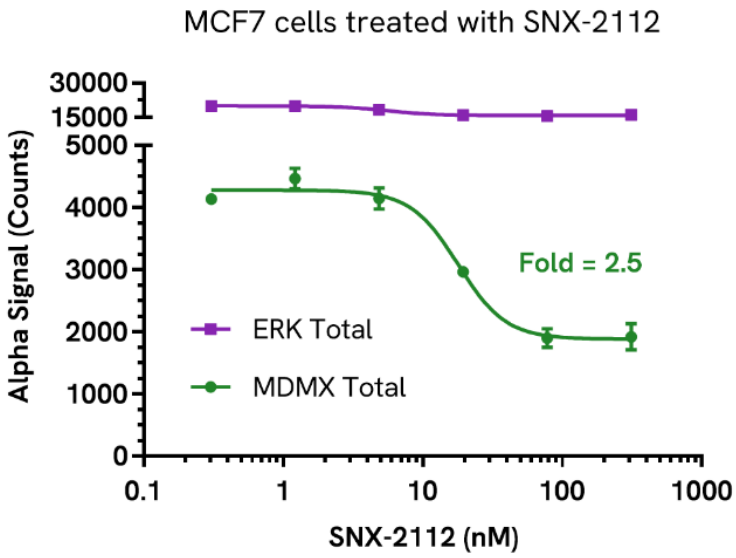
Representative data:
Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were left untreated or treated with 1.25 µg/mL IGF-1 for 24 hours in serum free media. Cells were lysed with Lysis Buffer and assayed separately for Total MDMX and ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



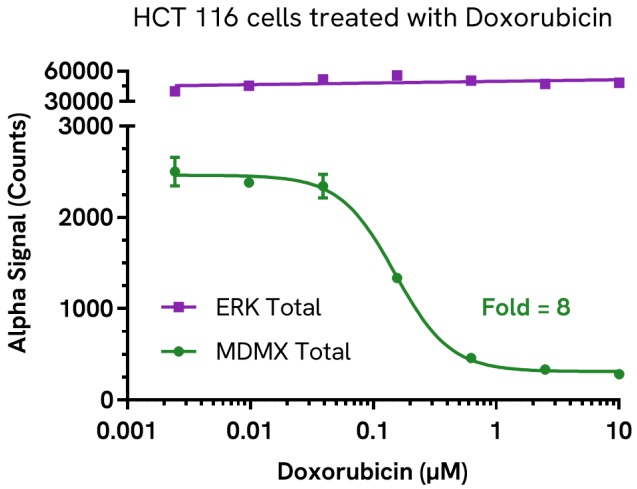
Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with increasing concentrations of 17-AAG for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Total MDMX and ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



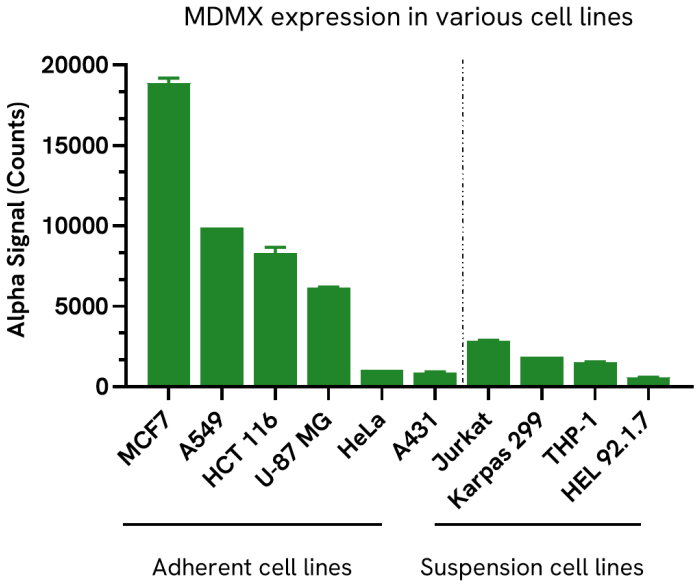
Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with increasing concentrations of SNX-2112 for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Total MDMX and ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. HCT 116 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with increasing concentrations of Doxorubicin for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Total MDMX and ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained from measurement of MDMX Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 20,000 cells/datapoint for adherent cells or 15,000 cells/datapoint for suspension cells.



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