

AlphaLISA® SureFire® Ultra™

Human and Mouse Myogenin Total Detection Kit

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



Kit specificity:

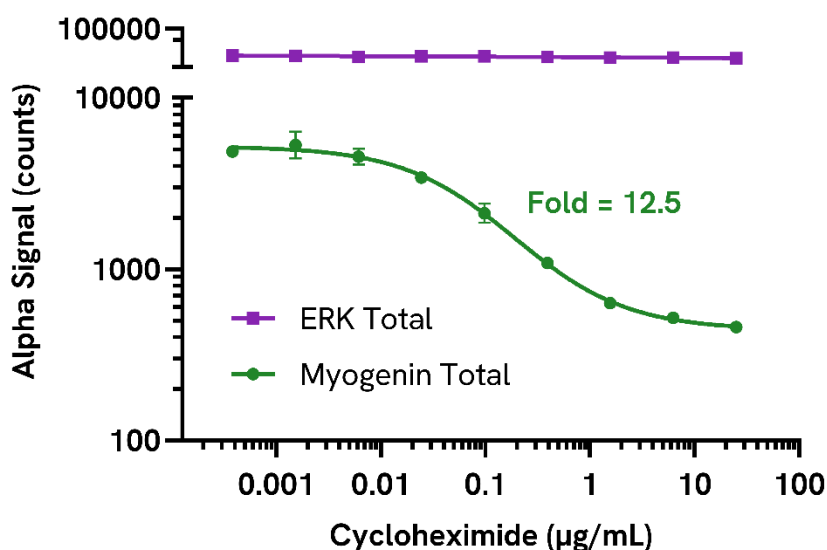
This assay kit contains antibodies which recognize distinct epitopes on Myogenin. The protein detected by this kit corresponds to UniProt ID P15173. Myogenin is also known as MYOG and MYF4. These antibodies recognize Myogenin of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

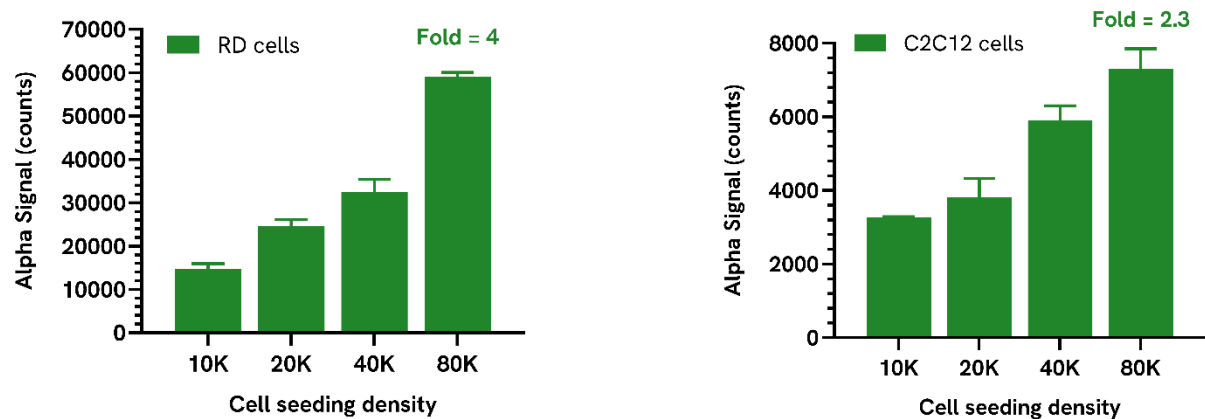
Positive Control Lysate: Prepared from RD cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 5 mL of Lysis Buffer.

Representative data:

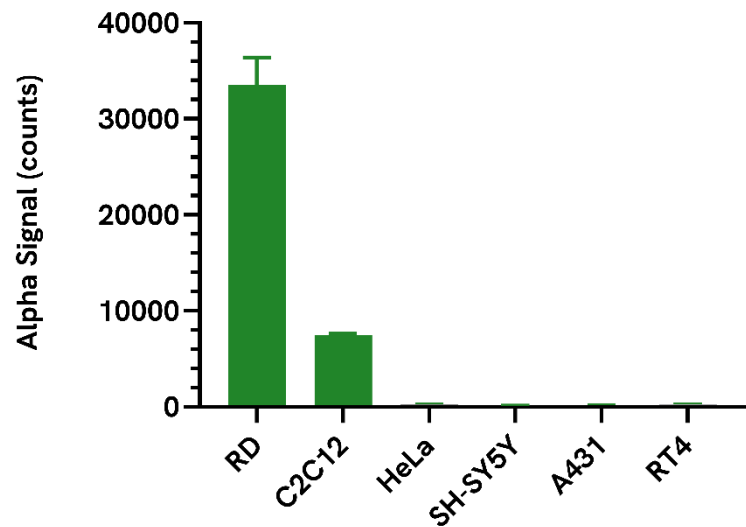
Data obtained with a 2-plate, 2-incubation protocol. C2C12 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with increasing concentrations of Cycloheximide for 2 hours. Cells were lysed with Lysis Buffer and assayed separately for Total Myogenin and ERK using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. RD and C2C12 cells were seeded at various cell density (10,000 to 80,000 cells/well) in a 96 well plate and incubated overnight. Cells were then lysed with 25 µL to 200 µL/well Lysis Buffer to achieve the same number of cells/datapoint. Lysates were assayed for Total Myogenin using the *SureFire Ultra* kit. Equivalent to approximately 4,000 cells/datapoint.



Data obtained from measurement of Myogenin Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint.



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