

Alpha SureFire® Ultra™ Multiplex

Human p-Histone H2A.X (Ser139) + Total Histone H2A.X Detection Kit

Product number: MPSU-PTH2X-K500, MPSU-PTH2X-K10K,
MPSU-PTH2X-K50K, MPSU-PTH2X-K-HV



Kit specificity:

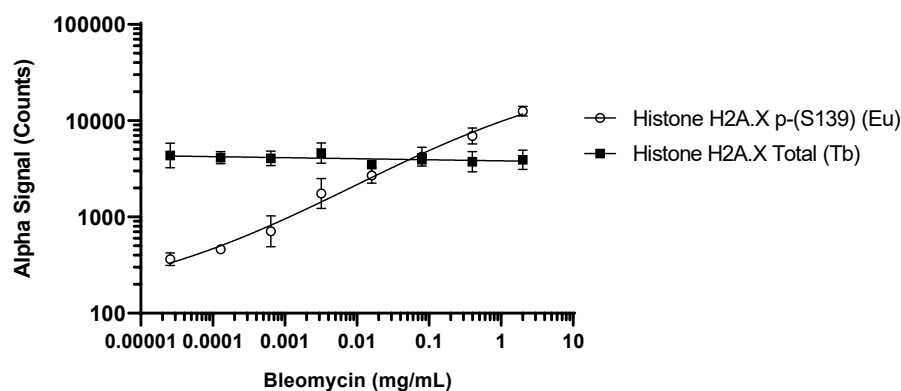
This assay kit contains antibodies which recognize the phospho-Ser139 epitope and a distal epitope on Histone H2A.X, plus antibodies to detect Total Histone H2AX. The protein detected by this kit corresponds to UniProt ID P16104. Histone H2A.X is also known as H2a/x. These antibodies recognize Histone H2A.X of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 20 mL of Lysis Buffer B.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 10K cells/well in a 96 well plate and incubated overnight. Cells were treated with Bleomycin at the indicated concentrations for 2 hours. Cells were lysed with Lysis Buffer B and assayed for Phospho (Ser139) and Total Histone H2A.X in the same wells of an assay plate using the SureFire Ultra Multiplex kit. Equivalent to approximately 500 cells/datapoint.



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