

AlphaLISA® SureFire® Ultra™

# Human p-Histone H2AX (Ser139) Detection Kit

**Product number:** ALSU-PH2X-A500, ALSU-PH2X-A10K,  
 ALSU-PH2X-A50K, ALSU-PH2X-A-HV



### Kit specificity:

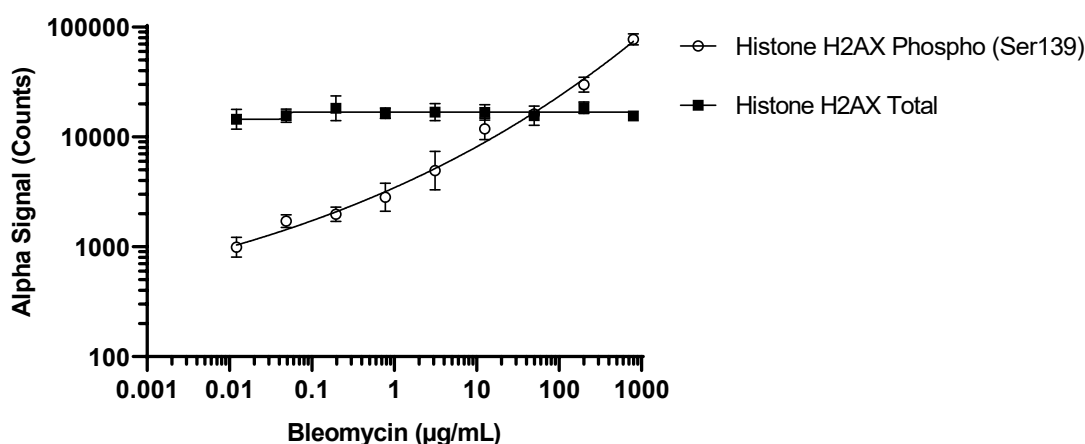
This assay kit contains antibodies which recognize the phosphor-Ser139 epitope and a distal epitope on Histone H2AX. The protein detected by this kit corresponds to UniProt ID P16104. Histone H2AX is also known as H2a/x. These antibodies recognize Histone H2AX of human origin. Other specie should be 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 media 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 separately for Phospho (Ser139) and Total Histone H2AX using respective *SureFire Ultra* kits. Equivalent to approximately 500 cells/datapoint.



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