

# Certificate of Analysis

Caution: Research use only.

## AlphaLISA<sup>®</sup> SureFire<sup>®</sup> Ultra<sup>™</sup> Assay Kit Histone H2A.X Total

PRODUCT NUMBER:	ALSU-TH2X-A 500
LOT NUMBER:	U7468
MANUFACTURING DATE:	March 29, 2021

### MATERIAL PROVIDED

**CONTENTS:** Reaction Buffer 1 -Ultra, Reaction Buffer 2 -Ultra, Activation Buffer -Ultra, Lysis Buffer B (5X)-Ultra, Dilution Buffer-Ultra, AlphaLISA<sup>®</sup> CaptSure<sup>™</sup> Acceptor Beads 2mg/mL, Alpha Streptavidin Donor Beads 2mg/mL, Positive Control lysate.

**STORAGE:** Store all Buffers at 4°C.

Activation Buffer precipitates at 4°C. To re-dissolve, warm to 37°C and mix before use. Alternatively, store at room temperature with no loss in activity.

Store Positive Control Lysate at -20°C. Once reconstituted, the lysate will be stable for at least 1 month when stored at -20°C in single use aliquots.

Donor beads are used under low light conditions and should be stored in the box at 4°C. Vortex Acceptor and Donor Beads vigorously prior to taking samples for use.

**KIT STABILITY:** Stable for at least **9** months from the manufacturing date when stored in its original packaging and recommended storage conditions. This product will have a minimum of 3 months expiry from date of delivery. See kit box label for expiry date.

### CONTROL LYSATES

**EXPECTED SIGNAL:** Reconstituted control lysate diluted to **6.25** % should give a signal window over buffer alone of at least **170** - fold.

The control lysate signal window can be influenced by lysate solubility, differing lab conditions, reader settings and reader performance.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

**For more information regarding related SureFire Ultra products and protocols refer to PerkinElmer web site: <http://www.perkinelmer.com>**

**This product is not for resale or distribution except by authorized distributors.**

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Worldwide Headquarters:  
PerkinElmer, Inc.

940 Winter Street, Waltham, MA 02451 USA  
Phone: (800) 762-4000 or (+1) 203-925-4602  
Or locate your local sales office at [www.perkinelmer.com](http://www.perkinelmer.com)

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