

# Certificate of Analysis

Caution: Research use only.

## AlphaLISA® SureFire® Ultra™ Assay Kit p-SMAD2 (Ser465/467)

PRODUCT NUMBER:	ALSU-PSM2-A 10K
LOT NUMBER:	U8160
MANUFACTURING DATE:	August 16, 2021

### MATERIAL PROVIDED

**CONTENTS:** Reaction Buffer 1 -Ultra, Reaction Buffer 2 -Ultra, Activation Buffer -Ultra, Lysis Buffer (5X)-Ultra, Dilution Buffer-Ultra, AlphaLISA® CaptSure™ 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 **12** 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 **12.50** % should give a signal window over buffer alone of at least **20** - fold.

This recommended dilution falls within the linear range of the assay.

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 the PerkinElmer web site: <http://www.perkinelmer.com>**

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

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