

# Certificate of Analysis

Caution: Research use only.

## Alpha SureFire® Ultra™ Multiplex Assay Kit p-Rb (Ser780) + Rb Total

PRODUCT NUMBER:	MPSU-PTRB-K 500
LOT NUMBER:	A0450
MANUFACTURING DATE:	November 04, 2020

### MATERIAL PROVIDED

**CONTENTS:** Reaction Buffer 1 - MPSU, Reaction Buffer 2 - MPSU, Reaction Buffer 3 - MPSU  
Activation Buffer - Ultra, Lysis Buffer (5X) - Ultra, Dilution Buffer - Ultra,  
Alpha 615 CaptSure™ Acceptor Beads 2mg/mL,  
Alpha 545 CaptSure 2™ 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 the following:

<b>p-Rb (Ser780)</b>	<b>100</b>	<b>- fold</b>	<b>Total Rb</b>	<b>20</b>	<b>- fold</b>
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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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