

Certificate of Analysis

Caution: Research use only.

Alpha SureFire[®] Ultra[™] Multiplex Assay Kit p-STAT3 (Tyr705) + Total STAT3

PRODUCT NUMBER:	MPSU-PTST3-K -HV
LOT NUMBER:	A0535
MANUFACTURING DATE:	January 04, 2021

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 **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 **12.5** % should give a signal window over buffer alone of at least the following:

p-STAT3 (Tyr705)	50	- fold	Total STAT3	25	- fold
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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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