

Certificate of Analysis

Caution: Research use only.

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

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|---------------------|------------------|
| PRODUCT NUMBER: | MPSU-PTST3-K -HV |
| LOT NUMBER: | A0586 |
| MANUFACTURING DATE: | January 4, 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[™] 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 |
|------------------|----|--------|-------------|----|--------|

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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