

Certificate of Analysis

Beadlyte[®] Jurkat T Cell Lysate: C305

(5 minute treatment with C305 [anti-TCR β])

Catalog # 47-201

Lot # 30375

Product description: One vial containing lyophilized cell lysate made from C305 (mouse anti-TCR β chain) stimulated Jurkat T cells lysed in Beadlyte[®] Cell Signaling Universal Lysis Buffer and protease inhibitors.

Phosphoprotein	Lysate *Units/vial
Erk Map Kinase 1/2	1600
LAT	1120
Lck	800
CREB	800
Zap70	800
CD3 ϵ	1200
Syk**	NA

*Lysate units are values based on MFI generated from freshly prepared cell lysates over a range of lysate concentrations.

**Syk is not part of the T Cell Receptor Signaling pathway but is included in this kit as a negative control for T Cell Receptor Stimulation.

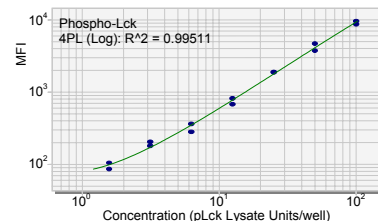
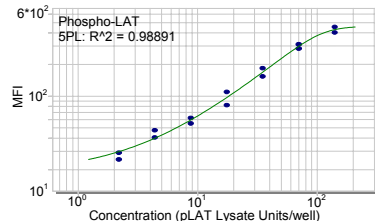
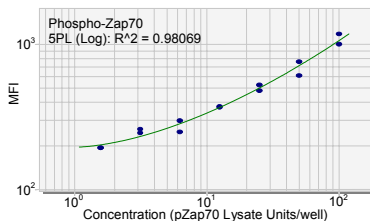
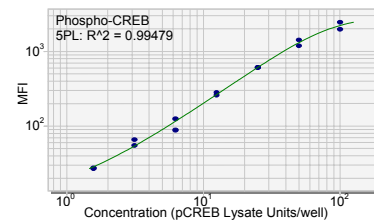
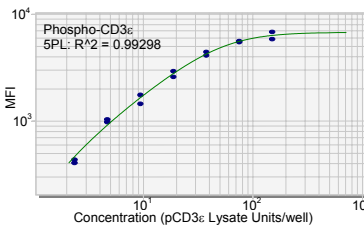
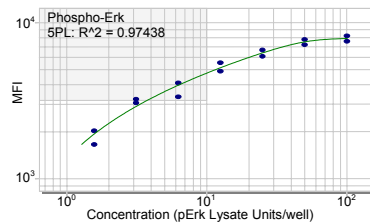
Formulation: Lyophilized from Jurkat T Cell lysate formulated in Beadlyte[®] Cell Signaling Universal Lysis Buffer (Catalog 43-040), proprietary reagents, and 10% trehalose. Lyophilized powder.

Rehydration: Make fresh for each assay. Reconstitute in 200 μ l of Beadlyte[®] Cell Signaling Universal Assay Buffer (Catalog 43-041).

Storage and Stability: Lyophilized: Stable for 1 year at 4°C from date of shipment. Make fresh for each assay.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Quality Control Testing



Analysis of Jurkat T Cell Lysate for phosphorylated T Cell Receptor Signaling proteins. The lyophilized Jurkat T Cell Lysate: C305 was analyzed with the Beadlyte[®] 7-plex Human T Cell Receptor Signaling Kit (Catalog # 48-690). The Median Fluorescence Intensity measured with the Luminex¹⁰⁰ system for each analyte was used to create 4PL or 5PL standard curves using Beadview[™] software.