

CERTIFICATE OF ANALYSIS

COA - 06467

Product Description: MSD[®] Human TH1/TH2 7-Plex Tissue Culture Kit

Catalog #/Size: K15011B-1 / 1 Plate; K15011B-2 / 5 Plates; K15011B-4 / 25 Plates

Lot Number: K0035035

Expiration Date: N/A (See expiration date on specific components below)

Statement: This product was manufactured and tested according to approved MSD documents. This

lot meets MSD's specifications.

Kit Contents:

Plate Lot Number: Z0045910

Plate Lot Catalog Number: N75011B Plate Lot Expiration Date: 31 MAR 2018 Antibody blend Lot Number: D0033525 Antibody blend Catalog Number: D2011

Antibody blend Expiration Date: 31 MAR 2018

Antibody source (host/species): hIFNy, hIL-2, hIL-5, hIL-12p40/70: Mouse

hIL-13: Goat hIL-4, hIL-10: Rat

Calibrator blend Lot Number: A0032149 Calibrator blend Catalog Number: C01XX Calibrator blend Expiration Date: 31 DEC 2017

Calibrator source (host/species): hIFNy, hIL-2, hIL-4, hIL-13: E. coli

hIL-5, hIL-10, hIL-12p70: Sf 21

Specifications:

Release method: Coating uniformity

Mean Intraplate CV: $\leq 15\%$ Mean Interplate CV: $\leq 18\%$

No more than one plate with CV > 18%

No plate with CV > 20%

The above product is intended for Research Use Only. Not for use in Diagnostic Procedures.

| | Name | Function | Signature | Date |
|-----------------|------------------|---------------------|---------------|-------------|
| Preparer | Rolanda Spratley | Biologics/Chemistry | Bu for Justey | 08 FEB 2016 |
| Review/Approval | Dawn Stollar | Quality Assurance | Dawn Stollar | 10 FEB 2016 |