

**CERTIFICATE OF ANALYSIS**

Product Description: V-PLEX® and V-PLEX Plus Chemokine Panel 1 (human) Gen. B Kit
Lot Number: K0082842
Expiration Date: 30 SEP 2027
Catalog Number: K15705-Series; K15712-Series; K151ANG-Series; K151ANQ-Series; K151ANR-Series;
 K156ANQ-Series; K156ANR-Series; K156ANG-Series

Lot-Specific Components:

The kit expiration date provided in the COA is determined by the component with the earliest expiration date. As the kit is supplied with different catalog products, not all configurations include all the components. In such cases, the applicable expiration date is determined by the shortest expiry among the components included in the kit that is received.

| Description | Lot Number | Storage Temperature | Expiration Date |
|--|------------|----------------------------|-----------------|
| Chemokine Panel 1 (hu) Gen. B 96-Well 10-Spot SECTOR Plate | Z0048203 | 2-8°C | 31 MAY 2028 |
| Chemokine Panel 1 (human) Gen. B Calibrator Blend | A0080431 | 2-8°C | 31 MAR 2030 |
| Human Eotaxin Antibody | D0082395 | 2-8°C | 30 JUN 2028 |
| Human Eotaxin-3 Antibody | D0082397 | 2-8°C | 31 JUL 2028 |
| Human IP-10 Antibody | D0082557 | 2-8°C | 31 MAY 2029 |
| Human MCP-1 Antibody | D0082401 | 2-8°C | 30 JUN 2028 |
| Human MCP-4 Antibody | D0082403 | 2-8°C | 31 JUL 2028 |
| Human MDC Antibody | D0082402 | 2-8°C | 30 JUN 2028 |
| Human MIP-1 α Antibody | D0082400 | 2-8°C | 30 JUN 2028 |
| Human MIP-1 β Antibody | D0082396 | 2-8°C | 30 JUN 2028 |
| Human TARC Antibody | D0082398 | 2-8°C | 30 JUN 2028 |
| Diluent 3 | M0030139 | $\leq -10^{\circ}\text{C}$ | 30 SEP 2027 |
| Diluent 57 | M0570020 | $\leq -10^{\circ}\text{C}$ | 31 OCT 2027 |

Additional components may be provided to execute the assay. Additional components are not lot-specific.

Precision, Accuracy, and Sensitivity Specifications:

| Spot | Name | Calibrator | | Chemokine Panel 1 (human) Gen. B Control 1 | | Chemokine Panel 1 (human) Gen. B Control 2 | | Chemokine Panel 1 (human) Gen. B Control 3 | |
|------|----------------|------------|-------|---|-------|---|-------|---|-------|
| | | Recovery | CV | Recovery | CV | Recovery | CV | Recovery | CV |
| 1 | Eotaxin | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 2 | MIP-1 β | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 3 | Eotaxin-3 | 80% - 120% | < 20% | 75% - 125% | < 20% | 75% - 125% | < 20% | 75% - 125% | < 20% |
| 4 | TARC/CCL17 | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 5 | IP-10 | 80% - 120% | < 20% | 75% - 125% | < 20% | 75% - 125% | < 20% | 75% - 125% | < 20% |
| 6 | MIP-1 α | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 8 | MCP-1 | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 9 | MDC | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |
| 10 | MCP-4 | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% | 80% - 120% | < 20% |



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| Spot | Name | LLOQ | | | ULOQ | | |
|------|------------|-------|------------|-------|-------|------------|-------|
| | | Value | Recovery | CV | Value | Recovery | CV |
| 1 | Eotaxin | 2.14 | 80% - 120% | < 20% | 910 | 80% - 120% | < 20% |
| 2 | MIP-1β | 1.2 | 80% - 120% | < 20% | 390 | 80% - 120% | < 20% |
| 3 | Eotaxin-3 | 11.1 | 80% - 120% | < 20% | 11100 | 80% - 120% | < 20% |
| 4 | TARC/CCL17 | 2.14 | 80% - 120% | < 20% | 481 | 75% - 125% | < 20% |
| 5 | IP-10 | 1.29 | 80% - 120% | < 20% | 1240 | 80% - 120% | < 20% |
| 6 | MIP-1α | 0.357 | 80% - 120% | < 20% | 403 | 80% - 120% | < 20% |
| 8 | MCP-1 | 1.45 | 80% - 120% | < 20% | 247 | 80% - 120% | < 20% |
| 9 | MDC | 6.43 | 80% - 120% | < 20% | 2930 | 75% - 125% | < 20% |
| 10 | MCP-4 | 0.518 | 80% - 120% | < 20% | 234 | 80% - 120% | < 20% |

Non-Specific Binding Specifications:

| Spot | Name | Spec |
|------|------------|--------|
| 1 | Eotaxin | < 1.0% |
| 2 | MIP-1β | < 1.0% |
| 3 | Eotaxin-3 | < 1.0% |
| 4 | TARC/CCL17 | < 1.0% |
| 5 | IP-10 | < 1.0% |
| 6 | MIP-1α | < 1.0% |
| 8 | MCP-1 | < 1.0% |
| 9 | MDC | < 1.0% |
| 10 | MCP-4 | < 1.0% |

Stock Concentration of Calibrator:

| Spot | Name | Conc. | Units |
|------|------------|-------|-------|
| 1 | Eotaxin | 1430 | pg/mL |
| 2 | MIP-1β | 633 | pg/mL |
| 3 | Eotaxin-3 | 17400 | pg/mL |
| 4 | TARC/CCL17 | 730 | pg/mL |
| 5 | IP-10 | 1980 | pg/mL |
| 6 | MIP-1α | 590 | pg/mL |
| 8 | MCP-1 | 370 | pg/mL |
| 9 | MDC | 4500 | pg/mL |
| 10 | MCP-4 | 353 | pg/mL |

Dilution to top of Curve: 1X

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

| | Name | Function | Signature | Date |
|-----------------|---------------|----------|-----------|-------------|
| Review/Approval | Karen Hamilla | Quality | | 18 FEB 2026 |