



CERTIFICATE OF ANALYSIS

Product Description: V-PLEX® and V-PLEX Plus Chemokine Panel 1 (human) Gen. B Kit
Lot Number: K0082723
Expiration Date: 30 JUN 2027
Catalog Number: K15705-Series; K15712-Series; K151ANG-Series; K151ANQ-Series; K151ANR-Series; K156ANQ-Series; K156ANR-Series; K156ANG-Series

Lot-Specific Components:

| Description | Lot Number | Storage Temperature | Expiration Date |
|--|------------|---------------------|-----------------|
| Chemokine Panel 1 (hu) Gen. B 96-Well 10-Spot SECTOR Plate | Z0048058 | 2-8°C | 30 JUN 2027 |
| Chemokine Panel 1 (hu) 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 | D0082399 | 2-8°C | 30 JUN 2028 |
| 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°C | 30 SEP 2027 |
| Diluent 57 | M0570020 | \leq -10°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 | | 12 NOV 2025 |