

# EcoPlex™ Kit



Detects multiple analytes simultaneously from one sample

## Outstanding Product Features



### High Throughput

Up to 24 analytes can be detected simultaneously.



### High Sensitivity

Multi-analyte detection: 5 pg/mL;  
Single analyte detection: 10 pg/mL.



### Utilizes Micro-Volume Sampling

15-45 µL sample volume.



### Expedited Operation Duration

Complete the entire experiment in merely 3 hours.



### Precision-Optimized Diluent

Includes specialized diluents for serum, plasma, and cell culture supernatants.



### Custom Options

We can customize different combinations of analytes, according to your needs.

## Product Components

| Item                                          | Specification (96 Tests) |
|-----------------------------------------------|--------------------------|
| 1× Premixed Antibody-Conjugated Beads         | 4.7 mL                   |
| 2× Premixed Biotinylated Detection Antibodies | 1.25 mL                  |
| 2× Detection Antibody Diluent                 | 1.25 mL                  |
| Lyophilized Antigen Standard                  | 1 vial                   |
| 1× SA-PE                                      | 2.5 mL                   |
| 10× Reading Buffer                            | 4 mL                     |
| 10× Wash Buffer                               | 15 mL                    |
| SPB Standard Diluent                          | 2.5 mL                   |
| SPB Assay Buffer                              | 5 mL                     |

Store at 2-8°C (protected from light) for 12 months.

## Applicable Research Areas

Immune Cell Function

Tumor Microenvironment

Infectious Disease

Cell Signaling Pathway Regulation

Autoimmune Disease Research

Drug Screening and Development

## Human Premixed Panels

| Cat. No. | Product Name                                       | Analytes                                                                                                                                                   | Size     | Price   |
|----------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| MPH001   | EcoPlex™ Human Inflammation 5-Plex Panel Kit       | IL-1 $\beta$ , IL-6, IL-8, IL-18, TNF $\alpha$                                                                                                             | 96 Tests | \$1,660 |
| MPH002   | EcoPlex™ Human Inflammation 6-Plex Panel Kit       | IL-1 $\beta$ , IL-6, IL-8, IL-10, IL-12p70, TNF $\alpha$                                                                                                   | 96 Tests | \$1,990 |
| MPH003   | EcoPlex™ Human Inflammation 10-Plex Panel Kit      | IFN $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-8, IL-10, IL-12p70, IL-18, MCP-1, TNF $\alpha$                                                      | 96 Tests | \$3,305 |
| MPH004   | EcoPlex™ Human Inflammation 16-Plex Panel Kit      | IFN $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-17A, IL-27, IL-31, IL-33, IP-10, MCP-1, MIP-1 $\alpha$ , TNF $\alpha$ | 96 Tests | \$5,275 |
| MPH005   | EcoPlex™ Human Th1/Th2 7-Plex Panel Kit            | IFN $\gamma$ , IL-2, IL-4, IL-5, IL-6, IL-10, TNF $\alpha$                                                                                                 | 96 Tests | \$2,315 |
| MPH006   | EcoPlex™ Human Th1/Th2/Th17 7-Plex Panel Kit       | IFN $\gamma$ , IL-2, IL-4, IL-6, IL-10, IL-17A, TNF $\alpha$                                                                                               | 96 Tests | \$2,315 |
| MPH007   | EcoPlex™ Human Th1/Th2/Th17 11-Plex Panel Kit      | IFN $\gamma$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-17A, TNF $\alpha$ , TNF $\beta$                                                  | 96 Tests | \$3,630 |
| MPH008   | EcoPlex™ Human Th1/Th2/Th17 18-Plex Panel Kit      | GM-CSF, IFN $\gamma$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-9, IL-10, IL-12p70, IL-17A, IL-17F, IL-22, IL-33, TNF $\alpha$ , TNF $\beta$ , TSLP | 96 Tests | \$5,930 |
| MPH009   | EcoPlex™ Human T Helper Cytokine 14-Plex Panel Kit | GM-CSF, IFN $\gamma$ , IL-2, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12p70, IL-13, IL-17A, IL-21, IL-22, TNF $\alpha$                                            | 96 Tests | \$4,615 |

## Mouse Premixed Panels

| Cat. No. | Product Name                                  | Analytes                                                                                                                                                         | Size     | Price   |
|----------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| MPM001   | EcoPlex™ Mouse Inflammation 5-Plex Panel Kit  | IL-1 $\beta$ , IL-6, IL-10, MCP-1, TNF $\alpha$                                                                                                                  | 96 Tests | \$1,660 |
| MPM002   | EcoPlex™ Mouse Inflammation 6-Plex Panel Kit  | IFN $\gamma$ , IL-6, IL-10, IL-12p70, MCP-1, TNF $\alpha$                                                                                                        | 96 Tests | \$1,990 |
| MPM003   | EcoPlex™ Mouse Inflammation 7-Plex Panel Kit  | IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-10, IL-22, IL-23, TNF $\alpha$                                                                                           | 96 Tests | \$2,315 |
| MPM004   | EcoPlex™ Mouse Inflammation 10-Plex Panel Kit | IFN $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-10, IL-12p70, IP-10, KC, MCP-1, TNF $\alpha$                                                              | 96 Tests | \$3,305 |
| MPM005   | EcoPlex™ Mouse Inflammation 16-Plex Panel Kit | IFN $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-9, IL-10, IL-12p70, IL-13, IL-15, IP-10, KC, MCP-1, MIP-1 $\alpha$ , MIP-1 $\beta$ , RANTES, TNF $\alpha$ | 96 Tests | \$5,275 |
| MPM006   | EcoPlex™ Mouse Th1/Th2 5-Plex Panel Kit       | IFN $\gamma$ , IL-2, IL-4, IL-5, TNF $\alpha$                                                                                                                    | 96 Tests | \$1,660 |
| MPM007   | EcoPlex™ Mouse Th1/Th2 8-Plex Panel Kit       | IFN $\gamma$ , IL-1 $\alpha$ , IL-2, IL-4, IL-5, IL-6, IL-10, TNF $\alpha$                                                                                       | 96 Tests | \$2,645 |
| MPM008   | EcoPlex™ Mouse Th1/Th2/Th17 7-Plex Panel Kit  | IFN $\gamma$ , IL-2, IL-4, IL-6, IL-10, IL-17A, TNF $\alpha$                                                                                                     | 96 Tests | \$2,315 |
| MPM009   | EcoPlex™ Mouse Th1/Th2/Th17 10-Plex Panel Kit | GM-CSF, IFN $\gamma$ , IL-1 $\alpha$ , IL-2, IL-4, IL-5, IL-6, IL-10, IL-17A, TNF $\alpha$                                                                       | 96 Tests | \$3,305 |
| MPM010   | EcoPlex™ Mouse Th1/Th2/Th17 14-Plex Panel Kit | IFN $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-13, IL-17A, IL-21, IL-22, TNF $\alpha$                                 | 96 Tests | \$4,615 |

## NON-Human Primate Premixed Panels

| Cat. No. | Product Name                               | Analytes                                                     | Size     | Price   |
|----------|--------------------------------------------|--------------------------------------------------------------|----------|---------|
| MPQ001   | EcoPlex™ NHP Th1/Th2 6-Plex Panel Kit      | IFN $\gamma$ , IL-2, IL-4, IL-5, IL-6, TNF $\alpha$          | 96 Tests | \$1,990 |
| MPQ002   | EcoPlex™ NHP Th1/Th2/Th17 7-Plex Panel Kit | IFN $\gamma$ , IL-2, IL-4, IL-6, IL-10, IL-17A, TNF $\alpha$ | 96 Tests | \$2,315 |

## Rat Premixed Panels

| Cat. No. | Product Name                               | Analytes                                                     | Size     | Price   |
|----------|--------------------------------------------|--------------------------------------------------------------|----------|---------|
| MPR001   | EcoPlex™ Rat Th1/Th2/Th17 7-Plex Panel Kit | IFN $\gamma$ , IL-2, IL-4, IL-6, IL-10, IL-17A, TNF $\alpha$ | 96 Tests | \$2,315 |

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