

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (8-Plex)**

Product Information Summary

**Mouse Th1/Th2 Cat No. MMX770 96 tests
T-Helper Cytokine Panel**

DESCRIPTION: Multi-Plex (8-Plex) Flow Cytometry Assay Panel
- components to measure **Mouse: IL-1 Alpha, IL-2, IL-4, IL-5,
IL-6, IL-10, IFN Gamma, and TNF Alpha simultaneously**- in
Murine Serum, Plasma, Cell Culture Supernatant or Cell Lysate
samples.

NOTE: ORDER a Sample Diluent Kit (to match sample type):

**Mouse/Rat Serum/Plasma (DKM100) or
Cell Culture Supernatant (DKC100) or
Cell Lysate (DKL100)**

Cell Lysate Prep Buffer (**CLP200**) or Sample Dilution Buffer
(to dilute high concentration samples) -(**SDL200**)
also available.

(STARTER Kit Included)

CONTENTS:

**Antibody Conjugated Beads 5.0 mL (1X) (Pre-Mixed , 8-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 8-Plex)
Detection Antibody Diluent 1.5 mL (2X)**

Standards: One vial of lyophilized standards containing
Pre-mixed multiplexed analytes (see vial insert) -single
standard vial can be used for one or more assays indicated

STARTER Kit Included: (Mouse Panel)

Reading Buffer 5.0 mL (10X)
Wash Buffer 15.0 mL (10X)
Filter plate with lid (96 wells)
Plate Sealers (6)
Streptavidin-PE 3.0 mL (1X)
PCR 8 tube strip 2 strips

STORAGE: Store Refrigerated (4-8° C. - in dark)

CAUTION: Contains Sodium Azide - (0.05%) - Dispose contents
carefully, flush with water to avoid reaction with lead drain
lines.

PROTOCOL: Refer to Kit protocol provided with assay ordered.
Follow Multi-Plex Panel section of protocol.

Assay Specifications:

| Bead Class: | Sensitivities (pg/mL) | Range: (pg/mL) |
|--------------------|------------------------------|-----------------------|
| S4P2 | Mouse IL-2 < 2.0 | 5.0 - 5,000 |
| S4P6 | Mouse IL-1 alpha < 2.0 | 10.0 -5,000 |
| S4P8 | Mouse IFN Gamma < 0.5 | 2.0 - 5,000 |
| S5P2 | Mouse IL-4 < 0.5 | 2.0 - 1,500 |
| S5P5 | Mouse IL-6 < 3.0 | 10.0 -5,000 |
| S5P7 | Mouse IL-5 < 5.0 | 10.0 -5,000 |
| S5P9 | Mouse IL-10 < 2.0 | 5.0 - 2,000 |
| S5P11 | Mouse TNF Alpha < 0.5 | 2.0 - 1,500 |

Sample Size: 15.0 uL per test
X-Reactivity within panel : negligible
Intra Assay CV: <10% Inter Assay CV <20%
Recovery 70-130% standard dose

RESEARCH USE ONLY
NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.

WWW.ANTIGENIX.com 1-800-558-1008