

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (6-Plex)**

Product Information Summary

**Mouse Th1/Th2 Cat No. MMX772 96 tests
T-Helper Cytokine Panel 1**

DESCRIPTION: Multi-Plex (6-Plex) Flow Cytometry Assay Panel
- components to measure **Mouse: IL-2, IL-4, 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 , 6-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 6-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
S4P8	Mouse IFN Gamma < 0.5	2.0 - 5,000
S5P2	Mouse IL-4 < 0.5	2.0 - 1,500
S5P5	Mouse IL-6 < 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