

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (4-Plex)**

Product Information Summary

**Mouse Th1/Th2 Cat No. MMX784 96 tests
T-Helper Cytokine Panel 1 (4-Plex)**

DESCRIPTION: Multi-Plex (4-Plex) Flow Cytometry Assay Panel
- components to measure **Mouse: IL-4, IL-6, 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 , 4-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 4-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)
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
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.

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