ANTIGENIX AMERICA Inc.

Super-X Plex™ Flow Cytometry Assay Multi-Plex Panel (7-Plex)

Product Information Summary

Mouse Inflammation Cat No. MMX777 96 tests (Panel 1)

DESCRIPTION: Multi-Plex (7-Plex) Flow Cytometry Assay Panel - components to measure **Mouse: IL-1 beta, IL-6, IP-10, KC, MCP-1, IFNg**, 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 , 7-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 7-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 the Multi-plex sections of protocol.

Assay Specifications:

Bead Class:		Sensitivities (pg/mL)	Range: (pg/mL)
S4P2	Mouse IL-1b	< 2.0	5.0 -5,000
S4P4	Mouse TNFa	< 0.5	2.0 -1,500
S4P8	Mouse IFNg	< 0.5	2.0 -5,000
S4P10	Mouse IP-10	< 3.0	10.0 -5,000
S5P2	Mouse KC	< 1.0	2.0 -2,000
S5P4	Mouse MCP-1	< 1.0	2.0 -2,000
S5P5	Mouse IL-6	< 3.0`	10.0 -5,000

Sample Size: 15.0 uL per test
X-Reactivity within panel : negligable
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