

ANTIGENIX America Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel (17-Plex)**

Product Information Summary

Mouse Inflammation Cat No.MMX277T 32tests

DESCRIPTION: Multi-Plex (17-Plex) Flow Cytometry Assay Panel
- components to measure **Mouse:** IL-1 Alpha, IL-1 beta, KC,
IL-6, IL-9, IL-10, IL-12(p70), IL-13, IL-15, IL-23p19,
IP-10, MCP-1, MIP-1 Alpha, MIP-1 Beta, RANTES, 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 1.5 mL (1X) (**Pre-Mixed , 17-Plex**)
Detection Antibody - Biotin 0.45 mL (2X) (**Pre-Mixed , 17-Plex**)
Detection Antibody Diluent 0.45 mL (2X)

Standard: Three Vials: Standard mix Group 1A, and Group 1B and Mouse
Inflammation panel mix of lyophilized standards containing **Pre-mixed**
multiplexed analytes (**17-Plex**) (see vial insert) -single standard
vial can be used for one or more assays indicated.

STARTER Kit: (Mouse Panel -32 tests)

Reading Buffer 1.5 mL (10X)
Wash Buffer 5.0 mL (10X)
Filter plate with lid (96 wells)
Plate Sealers (3)
Streptavidin-PE 1.0 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.

Assay Specifications:

Bead Class:	Sensitivities (pg/mL)	Range: (pg/mL)
S4P1	Mouse IL-1 Alpha < 2.0	10.0 - 5,000
S5P3	Mouse IL-1 Beta < 2.0	5.0 - 5,000
S4P8	Mouse IFN Gamma < 0.5	2.0 - 5,000
S5P5	Mouse IL-6 < 3.0	10.0 - 5,000
S5P12	Mouse IL-9 < 5.0	10.0 - 5,000
S5P2	Mouse KC < 1.0	2.0 - 2,000
S5P9	Mouse IL-10 < 2.0	5.0 - 2,000
S4P7	Mouse IL-12 (p70) < 1.0	2.0 - 2,000
S5P10	Mouse IL-13 < 5.0	10.0 - 5,000
S5P11	Mouse IL-15 < 5.0	10.0 - 5,000
S5P6	Mouse IL-23p19 < 5.0	10.0 - 5,000
S4P4	Mouse TNF Alpha < 0.5	2.0 - 1,500
S5P4	Mouse MCP-1 < 1.0	2.0 - 2,000
S4P10	Mouse IP-10 < 3.0	10.0 - 5,000
S4P9	Mouse MIP-1 Alpha < 5.0	10.0 - 5,000
S4P3	Mouse MIP-1 Beta < 5.0	10.0 - 5,000
S5P7	Mouse RANTES < 2.0	5.0 - 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