

**ANTIGENIX AMERICA Inc.**

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

Product Information Summary

**Mouse Inflammation Cat No. MMX778 96 tests  
(Panel 2)**

**DESCRIPTION:** Multi-Plex ( 7-Plex) Flow Cytometry Assay Panel - components to measure **Mouse: IL-1 alpha, IL-1 beta, IL-6, IL-10, IL-22, IL-23p19, 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:**

<b>Bead Class:</b>	<b>Sensitivities (pg/mL)</b>	<b>Range: (pg/mL)</b>
S4P2	Mouse IL-1b < 2.0	5.0 - 5,000
S4P3	Mouse IL-23p19 < 5.0	10.0 - 5,000
S4P4	Mouse TNFa < 0.5	2.0 - 1,5000
S4P6	Mouse IL-1a < 2.0	10.0 - 5,000
S5P5	Mouse IL-6 < 3.0	10.0 - 5,000
S5P6	Mouse IL-22 < 5.0	10.0 - 5,000
S5P9	Mouse IL-10 < 2.0`	5.0 - 2,000

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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