

**ANTIGENIX AMERICA Inc.**

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

Product Information Summary

**Mouse Th1/Th2            Cat No. MMX785 96 tests  
T-Helper Cytokine Panel 2 (4-Plex)**

**DESCRIPTION:** Multi-Plex ( 4-Plex) Flow Cytometry Assay Panel  
- components to measure **Mouse: IL-4, 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 , 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:**

| <b>Bead Class:</b> | <b>Sensitivities (pg/mL)</b> | <b>Range: (pg/mL)</b> |
|--------------------|------------------------------|-----------------------|
| S4P8               | Mouse IFN Gamma < 0.5        | 2.0 - 5,000           |
| S5P2               | Mouse IL-4 < 0.5             | 2.0 - 1,500           |
| 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.**

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