

**ANTIGENIX AMERICA Inc.**

**Super-X Plex™ Flow Cytometry Assay  
Multi-Plex Panel ( 14-Plex)**

Product Information Summary

**Mouse Th1/Th2/Th17                    Cat No. MMX174    96 tests**  
MMX174T ( 32 tests)

**DESCRIPTION:** Multi-Plex ( 14-Plex) Flow Cytometry Assay Panel  
- components to measure **Mouse: IL-1 Alpha, IL-1 beta, IL-2,  
IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-13, IL-17A, IL-21,  
IL-22, 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 , 14-Plex)**  
**Detection Antibody - Biotin        1.5 mL (2X) (Pre-Mixed , 14-Plex)**  
**Detection Antibody Diluent        1.5 mL (2X)**

**Standards:** 2 vials: Vial A and Vial B 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: ( Mouse Panel)**

Reading Buffer                    5.0 mL (10X)  
Wash Buffer                        20.0 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.

**Assay Specifications:**

<b>Sensitivities (pg/mL)</b>	<b>Range: (pg/mL)</b>
Mouse IL-1 Alpha < 2.0	10.0 - 5,000
Mouse IL-1 Beta < 2.0	5.0 - 5,000
Mouse IL-2 < 2.0	5.0 - 5,000
Mouse IL-4 < 0.5	2.0 - 1,500
Mouse IL-5 < 5.0	10.0 - 5,000
Mouse IL-6 < 3.0	10.0 - 5,000
Mouse IL-10 < 2.0	5.0 - 2,000
Mouse IL-12p70 < 1.0	2.0 - 2,000
Mouse IL-13 < 5.0	10.0 - 5,000
Mouse IL-17A < 1.5	5.0 - 5,000
Mouse IL-21 < 5.0	10.0 - 5,000
Mouse IL-22 < 5.0	10.0 - 5,000
Mouse IFN Gamma < 0.5	2.0 - 5,000
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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