

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (16-Plex)**

Product Information Summary

Mouse Th1/Th2/Th17 Cat No. MMX176 96 tests
MMX176T (32 tests)

DESCRIPTION: Multi-Plex (16-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-23p19, IFN Gamma, GM-CSF, KC, 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 , 16-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 16-Plex)
Detection Antibody Diluent 1.5 mL (2X)

Standards: 3 vials: Vial A and Vial B, Vial C 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:

Sensitivities (pg/mL)	Range: (pg/mL)
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-23p19 < 5.0	10.0 - 5,000
Mouse IFN Gamma < 0.5	2.0 - 5,000
Mouse TNF Alpha < 0.5	2.0 - 1,500
Mouse GM-CSF < 5.0	10.0 - 5,000
Mouse KC < 1.0	2.0 - 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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