

ANTIGENIX AMERCIA Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel #1 (12-Plex)**

Product Information Summary

Mouse Cytokine #1 Cat No. MMX121 96 tests

DESCRIPTION: Multi-Plex (12-Plex) Flow Cytometry Assay Panel - components to measure **Mouse: IL-2, IL-3, IL-5, IL-6, IL-9, IL-10, IL-12(p70), IL-15, IP-10, TNFa, IFN Gamma, and VEGF - 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 4.7 mL (1X) (Pre-Mixed , 12-Plex)
Detection Antibody - Biotin 1.25 mL (2X) (Pre-Mixed , 12-Plex)
Detection Antibody Diluent 1.25 mL (2X)

Standard: One Vial of lyophilized standard containing **Pre-mixed multiplexed** analytes (12-Plex) (see vial insert) -single standard vial can be used for one or more assays indicated.

STARTER Kit: (Mouse Panel)

Reading Buffer 4.0 mL (10X)
Wash Buffer 15.0 mL (10X)
Filter plate with lid (96 wells)
Plate Sealers (4)
Streptavidin-PE 2.5 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-2	< 2.0	5.0 - 5,000
Mouse IFN Gamma	< 0.5	2.0 - 5,000
Mouse IL-3	< 2.0	5.0 - 5,000
Mouse IL-5	< 5.0	10.0 - 5,000
Mouse IL-6	< 3.0	10.0 - 5,000
Mouse IL-9	< 5.0	10.0 - 5,000
Mouse IL-10	< 2.0	5.0 - 2,000
Mouse IL-12 (p70)	< 1.0	2.0 - 2,000
Mouse IL-15	< 5.0	10.0 - 5,000
Mouse IP-10	< 3.0	10.0 - 5,000
Mouse TNF Alpha	< 0.5	2.0 - 1,500
Mouse VEGF	< 5.0	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