

ANTIGENIX AMERCIA Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel (18-Plex)**

Product Information Summary

Mouse Cytokine Cat No. MMX181 96 tests

DESCRIPTION: Multi-Plex (18-Plex) Flow Cytometry Assay Panel - components to measure **Mouse: IL-1 beta, IL-6, IL-10, IL-17A, IL-17F, IL-12(p70), IL-20, IL-22, TNFa, IP-10, MIP-2, IFN Gamma, G-CSF, GM-CSF, MIP-1a, MIP-3a, VEGF, and LIX - 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 , 18-Plex)
Detection Antibody - Biotin 1.25 mL (2X) (Pre-Mixed , 18-Plex)
Detection Antibody Diluent 1.25 mL (2X)

Standard: One Vial of lyophilized standard containing **Pre-mixed multiplexed** analytes (**18-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-1 Beta < 2.0	5.0 - 5,000
Mouse IFN Gamma < 0.5	2.0 - 5,000
Mouse IL-6 < 3.0	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-17A < 1.5	5.0 - 5,000
Mouse IL-17F < 5.0	10.0 - 5,000
Mouse IL-20 < 10.0	20.0 - 5,000
Mouse IL-22 < 5.0	10.0 - 5,000
Mouse LIX < 5.0	10.0 - 5,000
Mouse MIP-1a < 5.0	10.0 - 5,000
Mouse MIP-2 < 5.0	10.0 - 5,000
Mouse MIP-3a < 5.0	10.0 - 5,000
Mouse G-CSF < 5.0	10.0 - 5,000
Mouse GM-CSF < 5.0	10.0 - 5,000
Mouse TNF Alpha < 0.5	2.0 - 1,500
Mouse IP-10 < 3.0	10.0 - 5,000
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