

ANTIGENIX AMERICA Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel (8 Plex)**

Product Information Summary

Mouse Inflammation Cat No. MMX270 96 tests
MMX270T (32 tests)

DESCRIPTION: Multi-Plex (8 Plex) Flow Cytometry Assay Panel
- components to measure **Mouse: IL-1 Alpha, KC, IL-12(p70),
IL-6, IL-10, MCP-1, 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 , 7-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 7-Plex)
Detection Antibody Diluent 1.5 mL (2X)

Standard: One vial of lyophilized standard containing
Pre-mixed multiplexed analytes (**7-Plex**) (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 IFN Gamma < 1.0	2.0 - 5,000
Mouse IL-6 < 5.0	10.0 - 5,000
Mouse KC < 1.0	2.0 - 2,000
Mouse IL-10 < 3.0	10.0 - 5,000
Mouse IL-12(p70) < 1.0	2.0 - 2,000
Mouse TNF Alpha < 1.0	2.0 - 1,500
Mouse MCP-1 < 1.0	2.0 - 2,000

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