## ANTIGENIX AMERICA Inc.

# Super-X Plex<sup>™</sup> Flow Cytometry Assay Multi-Plex Panel (7 Plex)

Product Information Summary

## Rat Th1/Th2/Th17 Cat No.RMX170 96 tests

RMX170T ( 32 tests)

**DESCRIPTION:** Multi-Plex ( 7 Plex) Flow Cytometry Assay Panel - components to measure Rat: IL-2, IL-4, IL-6, IL-10, IL-17A, IFN Gamma, and TNF Alpha simultaneously- in Rat 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)

Standards: One vial 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: ( Rat 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 ( $4-8^{\circ}$  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)
Rat IL-6 < 5.0 Rat IL-10 < 5.0 Rat IL-17A < 5.0 Rat IFN Gamma < 2.0	5.0 - 5,000 5.0 - 5,000 10.0 - 5,000 10.0 - 5,000 10.0 - 5,000 5.0 - 5,000 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.

<u>WWW.ANTIGENIX.com</u> 1-800-558-1008