

**ANTIGENIX AMERICA Inc.**

**Super-X Plex™ Flow Cytometry Assay  
Multi-Plex Panel ( 7 Plex)**

Product Information Summary

**Rat Th1/Th2/Th17 Cat No.RMX170 96 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° 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:**

| <b>Sensitivities (pg/mL)</b> | <b>Range: (pg/mL)</b> |
|------------------------------|-----------------------|
| Rat IL-2 < 2.0               | 5.0 - 5,000           |
| Rat IL-4 < 2.0               | 5.0 - 5,000           |
| Rat IL-6 < 5.0               | 10.0 - 5,000          |
| Rat IL-10 < 5.0              | 10.0 - 5,000          |
| Rat IL-17A < 5.0             | 10.0 - 5,000          |
| Rat IFN Gamma < 2.0          | 5.0 - 5,000           |
| Rat TNF Alpha < 2.0          | 5.0 - 5,000           |

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.**

[WWW.ANTIGENIX.com](http://WWW.ANTIGENIX.com) 1-800-558-1008