

**ANTIGENIX AMERCIA Inc.**

**Super-X Plex Flow Cytometry Assay  
Multi-Plex Panel ( 11 Plex)**

Product Information Summary

**Human Inflammation            Cat No.HMX970    96 tests**

**DESCRIPTION:** Multi-Plex ( 11 Plex) Flow Cytometry Assay Panel  
- components to measure **Human: IL-1 Alpha, IL-1 Beta, IL-6,  
IL-8, IL-10, IL-12(p70), IL-27, IFN Gamma, IP-10, MCP-1,  
and TNF Alpha simultaneously-** in human Serum, Plasma,  
Cell Culture Supernatant or Cell Lysate samples.

**NOTE: ORDER a Sample Diluent Kit ( to match sample type):**

Human Serum/Plasma (**DKH100**) 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 , 11-Plex)**  
**Detection Antibody - Biotin        1.5 mL (2X) (Pre-Mixed , 11-Plex)**  
**Detection Antibody Diluent        1.5 mL (2X)**

**Standard:** Two vials ( Vial A and Vial B) of lyophilized standard  
containing **Pre-mixed multiplexed** analytes ( **11-Plex**) ( see vial insert)  
-single standard vial can be used for one or more assays indicated.

**STARTER Kit: ( Human 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>
Human IL-1 Alpha < 2.0	5.0 - 2,000
Human IL-1 Beta < 5.0	10.0 - 5,000
Human IFN Gamma < 3.0	10.0 - 2,000
Human IL-6 < 5.0	10.0 - 5,000
Human IL-8 < 1.0	1.0 - 1,000
Human IL-10 < 2.0	5.0 - 5,000
Human IL-12 (p70) < 3.0	10.0 - 2,000
Human IL-27 < 5.0	10.0 - 5,000
Human IP-10 < 3.0	10.0 - 2,000
Human MCP-1 < 2.0	5.0 - 5,000
Human TNF Alpha < 1.0	2.0 - 1,000

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