

**ANTIGENIX AMERCIA Inc.**

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

Product Information Summary

**Human Th1/Th2/Th17            Cat No.HMX170    96 tests**

**DESCRIPTION:** Multi-Plex ( 7 Plex) Flow Cytometry Assay Panel  
- components to measure **human: IL-2, IL-4, IL-6, IL-10,  
IL-17A, IFN Gamma, 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 , 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 ( see vial insert) -single  
standard vial can be used for one or more assays indicated  
( Human Group 1)

**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-2 < 3.0	10.0 - 2,000
Human IL-4 < 1.0	3.0 - 1,000
Human IL-6 < 5.0	10.0 - 5,000
Human IL-10 < 2.0	5.0 - 5,000
Human IL-17A < 3.0	10.0 - 1,000
Human IFN Gamma < 3.0	10.0 - 2,000
Human TNF Alpha < 1.0	2.0 - 1,000

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.**

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