

**ANTIGENIX AMERICA Inc.**

**Super-X Plex™ Flow Cytometry Assay  
Multi-Plex Panel ( 10-Plex)**

Product Information Summary

**Human Th1/Th2/Th17/Treg      Cat No.HMX795  
96 tests**

**DESCRIPTION:** Multi-Plex ( 10 Plex) Flow Cytometry Assay Panel  
- components to measure **human: IL-2, IL-4, IL-6, IL-10,  
IL-17a, IFN Gamma, G-CSF, GM-CSF, TNF alpha and TNF Beta,**  
**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 , 10-Plex)**  
**Detection Antibody - Biotin    1.5 mL (2X) (Pre-Mixed , 10-Plex)**  
**Detection Antibody Diluent    1.5 mL (2X)**

**Standard:** Vial of lyophilized standard containing  
**Pre-mixed multiplexed** analytes -above- ( 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              15.0 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)

( see data sheet provided with kit ordered for bead classifications)

**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
Human TNF Beta < 5.0	10.0 - 5,000
Human G-CSF < 5.0	10.0 - 5,000
Human GM-CSF < 5.0	10.0 - 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.**

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