

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay  
Multi-Plex Panel ( 18-Plex)**

Product Information Summary

**Human CardioVascular (CV) Inflammaging  
( 18-Plex)      Cat No. HMX156      96 tests**

**DESCRIPTION:** Multi-Plex ( 18-Plex) Flow Cytometry Assay Panel  
- components to measure **Human: IL-1 Alpha, IL-1 Beta, IL-2,  
IL-4, IL-5, IL-6, IL-8, IL-10, IL-12p70, IL-17A, IL-18,  
IFNg, GDF-15, GM-CSF, MCP-1, MIP-1a, ST-2 and TNFa  
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 (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      4.7 mL (1X) (Pre-Mixed , 18 Plex)**  
**Detection Antibody - Biotin      1.25 mL (2X) (Pre-Mixed , 18-Plex)**  
**Detection Antibody Diluent      1.25 mL (2X)**  
**Standards:** 1 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: ( Human Panel)**

Reading Buffer      4.0 mL (10X)  
Wash Buffer      15.0 mL (10X)  
Filter plate with lid      ( 96 wells)  
Plate Sealers      (4)  
Streptavidin-PE      2.5 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  
PROTOCOL can be downloaded at [www.antigenix.com](http://www.antigenix.com)

**Assay Specifications:**

( see Data sheet provided with kit ordered for detailed  
Bead Specifications and sensitivities.)

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