

ANTIGENIX AMERCIA Inc.

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

Product Information Summary

Human Inflammation Cat No.HMX710 96 tests

DESCRIPTION: Multi-Plex (18 Plex) Flow Cytometry Assay Panel
- components to measure **Human: IL-1 Alpha, IL-1 Beta, IL-4, IL-6, IL-8, IL-10, IL-12(p70), IL-13, IL-17A, IL-27, IL-31, IL-33 , IFN Gamma, IP-10, MIP-1 Alpha, MIP-1 beta, 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 , 18-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 18-Plex)
Detection Antibody Diluent 1.5 mL (2X)

Standard: Three vials (Vial A ,Vial B, and Vial C) of lyophilized standard containing **Pre-mixed multiplexed** analytes (**18-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:

Sensitivities (pg/mL)	Range: (pg/mL)
Human IL-1 Alpha < 2.0	5.0 - 2,000
Human IL-1 Beta < 5.0	10.0 - 5,000
Human IL-4 < 1.0	3.0 - 1,000
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-13 < 5.0	10.0 - 5,000
Human IL-17A < 3.0	10.0 - 1,000
Human IL-27 < 5.0	10.0 - 5,000
Human IL-31 < 5.0	10.0 - 5,000
Human IL-33 < 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 MIP-1 alpha < 2.0	5.0 - 2,000
Human MIP-1 beta < 5.0	10.0 - 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 1-800-558-1008