

ANTIGENIX AMERICA Inc.

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

Product Information Summary

**Human Inflammation-Chemokine Cat No.HMX286
(Panel 2) 96 tests**

DESCRIPTION: Multi-Plex (7-Plex) Flow Cytometry Assay Panel
- components to measure **human: IP-10, MIP-1 alpha,
MIP-1 beta, MIP-3 beta, 6-Ckine,, I-TAC, and MDC
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 (**7-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 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)

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.
Follow Multi-Plex assay section in protocol.

Assay Specifications:

Bead Specs:	Sensitivities (pg/mL)	Range: (pg/mL)
S4P4	Human IP-10 < 3.0	10.0 - 2,000
S4P8	Human MIP-3 beta < 10.0	20.0 - 5,000
S5P3	Human I-TAC < 5.0	10.0 - 5,000
S5P5	Human MDC < 5.0	10.0 - 5,000
S5P8	Human MIP-1 alpha < 2.0	5.0 - 2,000
S5P9	Human MIP-1 beta < 5.0	10.0 - 5,000
S5P12	Human 6-Ckine < 10.0	20.0 - 5,000

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