

ANTIGENIX AMERICA Inc.

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

Product Information Summary

**Human Inflammation-Chemokine Cat No.HMX287
(Panel 1) 96 tests**

DESCRIPTION: Multi-Plex (7-Plex) Flow Cytometry Assay Panel
- components to measure **human: RANTES, MIP-1 alpha,
MIP-3 beta, MCP-1, PARC, PF-4, BCA-1, and PARC
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)
S4P2	Human RANTES < 5.0	10.0 - 5,000
S4P9	Human MIP-1 alpha < 2.0	5.0 - 2,000
S4P11	Human MCP-1 < 2.0	5.0 - 5,000
S5P2	Human BCA-1 < 10.0	20.0 - 5,000
S5P4	Human PF-4 < 5.0	10.0 - 2,000
S5P8	Human MIP-3 beta <10.0	20.0 - 5,000
S5P9	Human PARC < 5.0	10.0 - 2,000

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.

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