

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (16-Plex)**

Product Information Summary

Human CD8 + T-Cell Cytokines (16-Plex)

Cat No.HMX870 96 tests

DESCRIPTION: Multi-Plex (16-Plex) Flow Cytometry Assay Panel
- components to measure **human: IL-2, IL-4, IL-5, IL-6,
IL-10, IL-13, IL-15, IFN Gamma, TNF Alpha , sCD137,
Granzyme B, MIP-1 Alpha , MIP-1 Beta, sFasL, GM-CSF, and
RANTES, 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 , 16-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 16-Plex)
Detection Antibody Diluent 1.5 mL (2X)

Standard: Vials A, B, and C of lyophilized standard 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 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-2 < 3.0	10.0 - 2,000
Human IL-4 < 1.0	3.0 - 1,000
Human IL-5 < 2.0	5.0 - 2,000
Human IL-6 < 5.0	10.0 - 5,000
Human IL-10 < 2.0	5.0 - 5,000
Human IL-13 < 5.0	10.0 - 5,000
Human IL-15 < 5.0	10.0 - 5,000
Human IFN Gamma < 3.0	10.0 - 2,000
Human TNF Alpha < 1.0	2.0 - 1,000
Granzyme B < 10.0	20.0 - 5,000
Human GM-CSF < 5.0	10.0 - 5,000
Human MIP-1 Alpha < 2.0	5.0 - 2,000
Human MIP-1 Beta < 5.0	10.0 - 5,000
Human FasL < 2.0	5.0 - 2,000
Human RANTES < 5.0	10.0 - 5,000
Human sCD137 < 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.**

WWW.ANTIGENIX.com 1-800-558-1008