

ANTIGENIX AMERICA Inc.

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

Product Information Summary

Human Th1/Th2/Th17 Cat No.HMX170 96 tests
HMX170T (32 tests)

DESCRIPTION: Multi-Plex (7 Plex) Flow Cytometry Assay Panel - components to measure **human: IL-2, IL-4, IL-6, IL-10, IL-17A, IFN Gamma, 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 , 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 (see vial insert) -single standard vial can be used for one or more assays indicated (Human Group 1)

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-6 < 5.0	10.0 - 5,000
Human IL-10 < 2.0	5.0 - 5,000
Human IL-17A < 3.0	10.0 - 1,000
Human IFN Gamma < 3.0	10.0 - 2,000
Human TNF Alpha < 1.0	2.0 - 1,000

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