

ANTIGENIX AMERICA Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel (3-Plex)**

Product Information Summary

Human T-Helper Cytokine

**Cat No. HMX462 96 tests
(3-Plex- Panel 2) (Th1/Th2)**

DESCRIPTION: Multi-Plex (3-Plex) Flow Cytometry Assay Panel - components to measure **human: IL-6, IL-10, 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 , 3-Plex**)
Detection Antibody - Biotin 1.5 mL (2X) (**Pre-Mixed , 3-Plex**)
Detection Antibody Diluent 1.5 mL (2X)

Standard: One vial of lyophilized standard containing
Pre-mixed multiplexed analytes (**3-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 panel section in protocol.

Assay Specifications:

Bead Specs:	Sensitivities (pg/mL)	Range: (pg/mL)
S4P3	Human TNF Alpha < 1.0	2.0 - 1,000
S5P6	Human IL-6 < 5.0	10.0 - 5,000
S5P10	Human IL-10 < 2.0	5.0 - 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