

ANTIGENIX AMERICA Inc.

**Super-X Plex Flow Cytometry Assay
Multi-Plex Panel (2 Plex)**

Product Information Summary

Human IGF-I/ IGF-II Cat No.HMX470 96 tests

DESCRIPTION: Multi-Plex (2 Plex) Flow Cytometry Assay Panel
- components to measure **human: Insulin-Like Growth Factor
IGF-I and IGF-II simultaneously-** in human Serum, Plasma,
Cell Culture Supernatant or Cell Lysate samples.

NOTE: Universal Sample Diluent Kit is available for the human
IGF-I IGF-II panel (Universal for all sample types)

Order cat# **DKIGF2** (IGF-I/IGF-II **Diluent Kit**)

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 , 2-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 2-Plex)
Detection Antibody Diluent 1.5 mL (2X)

Standard: One vial of lyophilized standard containing
Pre-mixed multiplexed analytes (**2-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 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

Sample Prep: Note: Serum and Plasma samples, and other sample types may
need **pre-treatment** to release IGF-I and IGF-II for accurate
measurement. An acid-ethanol extraction method described by: Breier,
et al, (J. Endocrinology; 1991; V128; 347-357) may be useful.
Appropriate pre-treatment method for sample type and experimental
conditions should be determined by investigator.

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 IGF-I	< 5.0	20.0 - 20,000
Human IGF-II	< 5.0	20.0 - 20,000

Sample Size: 15.0 uL per test

X-Reactivity within panel : @ 10,000 pg/mL

IGF-I **negligable** with human IGF-II

IGF-II **minimal (<1%)** with human IGF-I

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