

ANTIGENIX AMERICA Inc.

Super-X Plex™ Flow Cytometry Assay

Product Information Summary

Human CA50

Cat No. HX87423 96 tests

DESCRIPTION: Flow Cytometry Assay components to measure human **CA50 (Cancer Antigen 50)** in human Serum, Plasma, Cell Culture Supernatant or Cell Lysate samples. Can be custom Multi-Plexed with other assays. (up to 24-plex!)

CA50, Cancer Antigen 50, is as a tumor marker found in many gastrointestinal cancers and some endometrial cancers. This marker is located in cell membrane in both lipid bound and glycoprotein forms.

NOTE! CA50 assay has significant X-reactivity with CA19-9 (HX87424). It is **NOT recommended** to multi-plex CA50 and CA19-9 in a single panel. ******

NOTE: Order the matching ANTIGENIX **Starter Kit (STKH10)** And **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

CONTENTS:

Antibody Conjugated Beads 100 uL (45X) (Group 1)

Detection Antibody - Biotin 100 uL (25X)

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

STORAGE: Store Refrigerated (4-8° C.)

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:

Sensitivity: < 0.5 UNIT/mL

Sample Size: 15.0 uL per test

Range: 1.0 - 500 UNIT/mL

Intra Assay CV: <10% Inter Assay CV <20%

Recovery 70-130% standard dose

RESEARCH USE ONLY

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