

ANTIGENIX AMERICA Inc.

Super-X Plex™ Flow Cytometry Assay

Product Information Summary

Human CA15-3 Cat No. HX87425 96 tests
(MUC1)

DESCRIPTION: Flow Cytometry Assay components to measure human **CA15-3 (MUC1)** in human Serum, Plasma, Cell Culture Supernatant or Cell Lysate samples. Can be custom Multi-Plexed with other assays. (up to 24-plex!) CA15-3, Cancer Antigen 15-3, also known as Mucin 1 is a tumor marker , especially in Breast Cancer. Elevated CA15-3 together with alkaline phosphatase is associated with early recurrence in breast cancer.

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) **Bead Class S4P9**

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: < 20.0 mUNIT/mL

Sample Size: 15.0 uL per test

Range: 50 - 10,000 mUNIT/mL

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

Recovery 70-130% standard dose

RESEARCH USE ONLY
NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.
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