

ANTIGENIX AMERICA Inc.

Super-X Plex™ Flow Cytometry Assay
Product Information Summary

Human Procalcitonin Cat No. HX87465
96 tests

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

Procalcitonin (PCT) is precursor of hormone calcitonin. A reliable marker and indicator of sepsis and for differentiating patients with SIRS- Systemic Inflammatory Response Syndrome.

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: S5P7
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: < 30.0 pg/mL
Sample Size: 15.0 uL per test
Range: 50 - 50,000 pg/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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