

ANTIGENIX AMERICA Inc.

**Super-X Plex™ Flow Cytometry Assay
Multi-Plex Panel (7 Plex)**

Product Information Summary

Canine Custom Panel Cat No.CMX172 96 tests

DESCRIPTION: Multi-Plex (7 Plex) Flow Cytometry Assay Panel
- components to measure **Canine: IL-2, IL-6, IL-8, IL-10, IL-12(p40), IFN Gamma, and TNF Alpha simultaneously-** in **canine** Serum, Plasma, Cell Culture Supernatant or Cell Lysate samples.

NOTE: ORDER a Sample Diluent Kit (to match sample type):

Canine Serum/Plasma (**DKCN10**) 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 , 7-Plex)
Detection Antibody - Biotin 1.5 mL (2X) (Pre-Mixed , 7-Plex)
Detection Antibody Diluent 1.5 mL (2X)

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
(Canine Group 1)

STARTER Kit: (Canine 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

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)
Canine IL-2 < 5.0	10.0 - 5,000
Canine IL-6 < 10.0	20.0 - 5,000
Canine IL-8 < 10.0	20.0 - 5,000
Canine IL-10 < 5.0	10.0 - 5,000
Canine IL-12p40 < 2.0	5.0 - 2,000
Canine IFN Gamma < 5.0	10.0 - 5,000
Canine TNF Alpha < 2.0	5.0 - 2,000

Sample Size: 15.0 uL per test
X-Reactivity within panel : negligible
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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