

ANTIGENIX AMERCIA Inc.
Super-X Plex™ Flow Cytometry Assay
Product Information Summary

Human TGF Beta-1 Cat No. HX95121 96 tests

(Reactive also with **Mouse, Rat, Canine, Porcine**, and non-human **Primate**)

DESCRIPTION: Flow Cytometry Assay components to measure human **TGF beta-1** in Human, Mouse, Rat Canine, Porcine or non-human Primate samples.

NOTE: Order TGF beta-1 Sample Diluent Kit
(Universal species): cat no: **DKH100T**

NOTE: Order a STARTER Kit: STKH10P (Pre-Mix)

NOTE: Samples should be pre-treated with Hcl, then neutralized for activation of latent TGF Beta-1. (**DO NOT** pre-treat the TGF beta standard).

- Add 20uL of HCl (1N) to 100 uL sample (mix).
- Incubate 10 min. @ RT
- Neutralize with added 20 uL of 1.2N NaOH/0.5MHEPES

Activated sample may need to be diluted with Sample Dilution Buffer (cat# SDL200). Dilution factor determined by investigator.

Due to pre-treatment of samples, this assay **NOT recommended** to be **multi-plexed** with other Super-X Plex assays.

CONTENTS:

Antibody Conjugated Beads 5.0 mL (1X)

Detection Antibody - Biotin 1.5 mL (2X)

Standard: One vial of lyophilized, recombinant TGF Beta-1 standard

Detection Antibody Diluent: 1.5 mL (2X)

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: < 50.0 pg/mL / Sample Size: 15.0 uL per test

Range: 100.0 - 20,000 pg/mL

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

Recovery 70-130% standard dose

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