

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

**Human Latent TGF Beta-1      Cat No. HX87434**  
**(LAP)    96 tests**

**DESCRIPTION:** Flow Cytometry Assay components to measure human  
**Latent TGF beta-1 ( also known as LAP- Latency**  
**Associated protein)** in Human samples.

**NOTE:** This assay detects the latent TGF Beta complex targeted  
to the extracellular matrix. As a result, NO PRE-TREATMENT  
of samples are required for measurement of the Latent TGF  
Beta and can be multi-plexed with other assays.

**See Reference:** Justin P. Annes, John Munger, D. Rifkin;  
Making Sense of latent TGF beta Activation;  
Journal Cell Science; 116: 217-224 ( 2003).

**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**          100.0 uL (45X) **Bead Class: S4P12**  
**Detection Antibody - Biotin**      100.0 uL (25X)  
**Standard:** One vial of lyophilized, recombinant latent TGF Beta-1  
complex standard ( LAP).

**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: 80.0 - 20,000 pg/mL  
Intra Assay CV: <10%          Inter Assay CV <20%  
Recovery 70-130% standard dose

**RESEARCH USE ONLY    -    [www.ANTIGENIX.com](http://www.ANTIGENIX.com)**