

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human TGF Beta-1 ELISA KIT

Pre-Coated Microplate 96 Tests

For Measurement of Human Transforming Growth Factor beta (TGF Beta-1) in serum, plasma, cell culture fluid and other biological fluids. TGF Beta is a factor that generally stimulates cells of mesenchymal origin and inhibits cells of epithelial or neuroectodermal origin. TGF Beta-1 is one member of a family of regulatory proteins, which includes the activins, inhibins and bone morphogenic proteins. TGF beta-1 is found in highest concentration in human platelets and bone.

CAT. NO. CK740740

SENSITIVITY ~9.0 pg/mL (serum/plasma samples or culture fluid)

SPECIFICITY No Cross-Reactivity with human IL-1, IL-1RA, (IL-2 through IL-11), TNF Alpha and Beta,, EGF, MCP-1, IFN gamma, FGF, LIF, SCF, VEGF, Beta-NGF, and others quality control tests (*see product insert for full details*).

<u>Precision</u>	Intra assay C.V.	< 7.3% serum/plasma < 7.5% culture fluid
	Inter assay C.V.	< 11.7% serum/plasma < 6.3% culture fluid

CALIBRATION: Calibrated against human TGF Beta 1 standard , NIBSC reference preparation 89/514.

ASSAY TIME: Less than 3 hrs.

This kit is based upon sandwich immunoassay technique, using Biotin-labelled secondary antibody and Avidin-HRP, TMB (Tetra Methyl Benzidine) substrate. All reagents are supplied. Two vials of lyophilized rHuman TGF Beta-1 standard are provided to facilitate partial runs, or both serum and culture fluid sample runs.

Store at 4°C.

FOR RESEARCH USE ONLY