

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

**Human IL-2 ELISA KIT**

Pre-Coated Microplate 96 Tests

For Measurement of Human Interleukin 2 (IL-2) in serum, plasma, cell culture fluid and other biological fluids.

CAT. NO. CK200200 \$ 430.00

**ASSAY RANGE** 0 - 2500 pg/mL

**SENSITIVITY** ~7.0 pg/mL

**TOT. INCUBATION TIME** ~4.5 hrs.

**SPECIFICITY** No Cross-Reactivity with human IL 1, (alpha or Beta), IL-3, IL-4, IL-6, IL-7, IL 8, G-CSF, GM-CSF, TGF Beta, TNF Alpha or TNF beta in quality control tests.

<b><u>Precision</u></b>	Intra assay C.V.	< 4.8% serum/plasma
		< 7.2% culture fluid
	Inter assay C.V.	< 4.9% serum/plasma
		< 5.6% culture fluid

**CALIBRATION:** Calibrated against natural human IL-2 , WHO First International Standard 87/504.

This kit is based upon sandwich immunoassay technique, using enzyme-labelled secondary antibody and monoclonal capture antibody. All reagents are supplied. Two vials of lyophilized rHuman IL-2 standard are provided to facilitate partial runs, or both serum and culture fluid sample runs.

Human IL-2 is produced primarily by T-Helper lymphocytes. It acts to stimulate antigen-specific cells, including B cells and NK cells, and plays an important role in cell-mediated immune responses against pathogens.

IL-2 measurement has important diagnostic and therapeutic implications for research into anti-cancer activity, transplantation, and autoimmune diseases.

Store at 4°C.

**FOR RESEARCH USE ONLY**