

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

Human IL-6 Soluble Receptor ELISA KIT

Pre-Coated Microplate 96 Tests

For Measurement of Human Interleukin 6 Soluble Receptor (IL-6sR) in serum, plasma, cell culture fluid and other biological fluids. IL-6 is a B cell stimulatory factor, with other roles in acute phase reactions and hematopoiesis. Human IL-6 has been associated with autoimmune disease, psoriasis, myeloma, glomerulonephritis, and other conditions.

CAT. NO. CK600222

ASSAY RANGE 0 - 2000 pg/mL

SENSITIVITY ~7.0 pg/mL (serum/plasma samples)

TOT. INCUBATION TIME 4.5 hrs.

SPECIFICITY No Cross-Reactivity with human IL-6, mouse IL-6, human IL-1, IL-8, IL-11, TNF Alpha and Beta,, EGF, MCP-1, LIF, FGF (acidic and basic), PDGF, TGF Beta, IFN gamma, IGF, G-CSF, or GM-CSF (and others) in quality control tests.

<u>Precision</u>	Intra assay C.V.	< 7.3% serum/plasma < 6.9% culture fluid
	Inter assay C.V.	< 7.5% serum/plasma < 7.3% culture fluid

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 IL-1-Beta standard are provided to facilitate partial runs, or both serum and culture fluid sample runs.

Store at 4°C.

FOR RESEARCH USE ONLY