

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

Human IL-8 ELISA KIT

Pre-Coated Microplate 96 Tests

For Measurement of Human Interleukin 8 (IL-8) in serum, plasma, cell culture fluid and other biological fluids. IL-8 is a member of the chemokine superfamily and is also known as Neutrophil Activating Protein (NAP), Monocyte-Derived Neutrophil-Activating Peptide (MONAP), T Lymphocyte Chemotactic Factor (TCF), among others. Human IL-8 is produced by many cells in response to inflammatory stimuli, including TNF Alpha and IL-1 beta. IL-8 has been associated with rheumatoid arthritis, gout, psoriasis, inflammatory bowel disease, septic shock, adult respiratory syndrome, and other conditions.

CAT. NO. CK800800

ASSAY RANGE 0 - 1600 pg/mL

SENSITIVITY ~10.0 pg/mL (serum/plasma samples)
 ~ 4.0 pg/mL (culture fluid samples)

TOTAL INCUBATION TIME 2.5 hrs.

SPECIFICITY No Cross-Reactivity with human IL-1 Beta, Serum Amyloid A, MCP-1, and RANTES in quality control tests.

Precision Intra assay C.V. < 4.9% culture fluid
 Inter assay C.V. < 9.1% culture fluid

CALIBRATION: Calibrated against e.Coli expressed human IL-8 , Monocyte secreted 72 a.a. form.

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