

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

Human IL-1 Beta ELISA KIT

Pre-Coated Microplate 96 Tests

For Measurement of Human Interleukin 1 Beta (IL-1 Beta) in serum, plasma, cell culture fluid and other biological fluids. IL-1 is a pro-inflammatory cytokine, and has also been associated with bone formation, insulin secretion, appetite regulation, fever reduction, neuronal development, and other conditions.

CAT. NO. CK100100

ASSAY RANGE 0 - 400 pg/mL

SENSITIVITY ~2.0 pg/mL

TOT. INCUBATION TIME 3.5 hrs.

SPECIFICITY No Cross-Reactivity with human IL 1 alpha, IL-1RA, IL-2, IL-3, IL-4, IL-6, IL-7, IL 8, IFN Gamma, IFN Alpha, TNF Alpha or Mouse IL-1 Beta in quality control tests.

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|-------------------------|------------------|----------------------|
| <u>Precision</u> | Intra assay C.V. | < 7.9% serum/plasma |
| | | < 7.3% culture fluid |
| | Inter assay C.V. | < 7.0% serum/plasma |
| | | < 7.3 culture fluid |

CALIBRATION: Calibrated against human IL-1-Beta, WHO First International Standard 86/552.

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