

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

Human IL-5 ELISA KIT

Pre-Coated Microplate 96 Tests

For Measurement of Human Interleukin 5 (IL-5) in serum, plasma, cell culture fluid, urine and other biological fluids.

CAT. NO. CK500555

SENSITIVITY ~7.5 pg/mL for serum/plasma samples
~6.3 pg/mL for culture fluid

SPECIFICITY No Cross-Reactivity with human IL 1, IL-2, IL-3, IL-4, IL-6, IL-7, IL-8, IL-9, IL-10, IL-11, IL-12, IL-13, IL-15, GM-CSF, IFN Alpha, IFN Beta, IL-1RA, or Mouse IL-5, observed in quality control tests.

Precision

Intra assay C.V.	< 7.7% serum/plasma
	< 8.2% culture fluid
Inter assay C.V.	< 7.0% serum/plasma
	< 7.2% culture fluid

CALIBRATION: Calibrated against W.H.O. standard human IL-5, WHO First International Standard 90/586.

ASSAY TIME: approx. 4.25 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 IL-5 standard are provided to facilitate partial runs, or both serum and culture fluid sample runs. Recognizes both natural and recombinant human IL-5.

Store at 4°C.

FOR RESEARCH USE ONLY