

Datasheet for ABIN5026937

IL-3 ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	96 tests
Target:	IL-3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6-1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human IL-3 concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 9.4 pg/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

Target Details

Target:	IL-3
---------	------

Target Details

Alternative Name: IL-3 (Interleukin 3) (IL-3 Products)

Pathways: JAK-STAT Signaling, Regulation of Carbohydrate Metabolic Process, Autophagy

Application Details

Sample Volume: 100 µL

Assay Time: 3 - 4 h

Plate: Pre-coated

Protocol: This assay employs an antibody specific for Anti-human IL-3 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human IL-3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

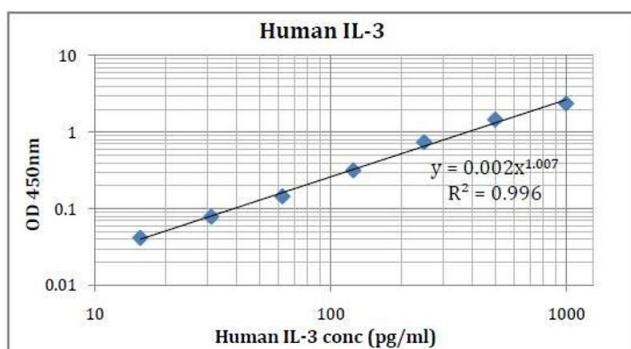
Restrictions: For Research Use only

Handling

Precaution of Use: protect your eyes

Storage: 4 °C

Images



ELISA

Image 1.