

Datasheet for ABIN5026943

IL-7 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	IL-7 (IL7)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	7.8-500 pg/mL
Minimum Detection Limit:	7.8 pg/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human IL-7 concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 4.69 pg/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

Target Details

Target:	IL-7 (IL7)
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Target Details

Alternative Name: IL-7 (Interleukin 7) (IL7 Products)

Pathways: JAK-STAT Signaling

Application Details

Sample Volume: 100 μ L

Assay Time: 3 - 4 h

Plate: Pre-coated

Protocol: This assay employs an antibody specific for Anti-humanIL-7 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-7 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-humanIL-7antibody 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-7 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

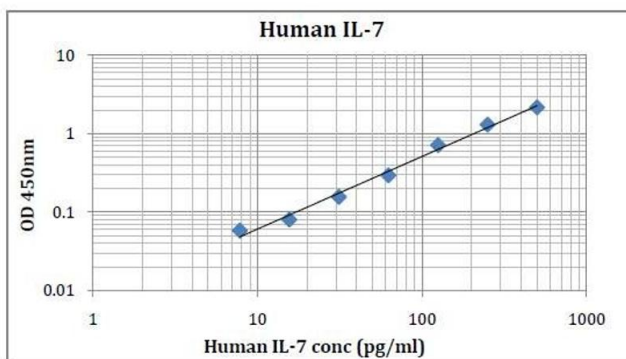
Restrictions: For Research Use only

Handling

Precaution of Use: protect your eyes

Storage: 4 °C

Images



ELISA

Image 1.