

Datasheet for ABIN5026925

**IL-11 ELISA Kit**[Go to Product page](#)**1** Image

## Overview

Quantity:	96 tests
Target:	IL-11 (IL11)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2-2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

## Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human IL-11 concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	18.7 pg/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

## Target Details

Target:	IL-11 (IL11)
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## Target Details

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Alternative Name: IL-11 (Interleukin 11) ([IL11 Products](#))

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Pathways: [JAK-STAT Signaling, Negative Regulation of Hormone Secretion](#)

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## Application Details

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Sample Volume: 100  $\mu$ L

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Assay Time: 3 - 4 h

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Plate: Pre-coated

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Protocol: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IL-11 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human IL-11 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IL-11 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450nm in a microplate reader. Concentration of Human IL-11 can be calculated using the standard curve.

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Restrictions: For Research Use only

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## Handling

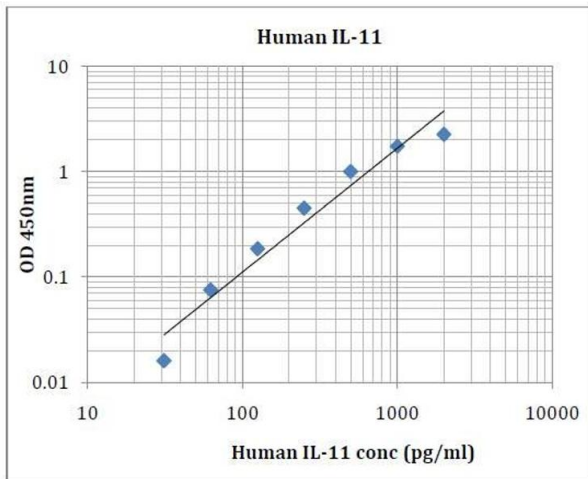
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Precaution of Use: protect your eyes

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Storage: 4 °C

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**ELISA**

**Image 1.**