

## 90-2078: Human IL-12p40 (Interleukin 12p40) Pre-Coated ELISA Kit

#### Application : ELISA

## Description

This assay employs an antibody specific for Anti-human IL-12 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-12 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human IL-12 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-12 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

KIT COMPONENTS	KIT	COMPO	DNENTS
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Item	Specifications	Storage
96 well Strip ELISA Plate	8 × 12 well	4°C
Lyophilized Standard	2 vials	-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for hIL-12	120 µl	4°C
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin (SABC)	120 µl	4°C
SABC Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
Product Manual	1	

### **Product Info**

Amount :	1 × 96 Tests
Content :	1 × 96 well Format (96 tests)
Storage condition :	Please refer to the Manual

For Research Use Only. Not for use in diagnostic/therapeutics procedures.



# **Application Note**

This immunoassay kit allows for the in vitro quantitative determination of Human IL-12 concentrations in serum, plasma and other biological fluids.

Detection Range: 31.2 - 2000 pg/ml

Sensitivity: <18.7 pg/ml

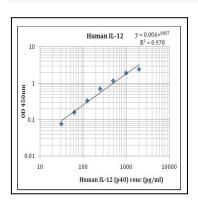


Fig-1: Human IL-12 Standard Curve