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90-2246: Human IL-35 (Interleukin 35) Pre-Coated ELISA Kit

Application : ELISA

Description

This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IL-35 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human IL-35 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-35 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450 nm in a microplate reader. Concentration of Human IL-35 can be calculated using the standard curve.

Kit Components

Item	Specifications	Storage
96 well Strip ELISA Plate	8 X 12 well	4°C/-20°C
Lyophilized Standard	2 vials	4°C /-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for hIL-35	120 µl	4°C/-20°C
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin (SABC)	120 µl	4°C in dark
SABC Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C in dark
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
Product Manual	1	

Product Info

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

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Application Note

This immunoassay kit allows for the in vitro quantitative determination of Human IL-35 concentrations in serum, plasma and other biological fluids.

Detection Range: 15.6 – 1000 pg/ml

Sensitivity: < 9.4 pg/ml

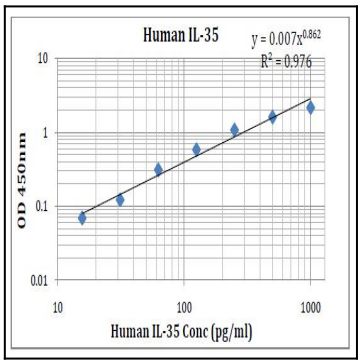

Fig-1:Human IL-35 Standard Curve