

90-2263: Mouse IL-6 (Interleukin 6) Pre-Coated ELISA Kit

Application : ELISA

Reactivity : Mouse

Description

This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- IL-6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IL-6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. 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 IL-6 amount of sample captured in plate. Read the O.D. absorbance at 450 nm in a microplate reader, and then the concentration of IL-6 can be calculated.

Kit Components

Item	Specifications	Storage
96 well Strip ELISA Plate	8 X 12 well	4°C
Lyophilized Standard	2 vials	-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for mIL-6	120 µl	4°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 X 96 Tests

Content : 1 X 96 well Format (96 tests)

Storage condition : Please refer to the Manual

Application Note

This immunoassay kit allows for the in vitro quantitative determination of mouse IL-6 concentrations in serum, plasma and other biological fluids.

Detection Range: 15.6 - 1000 pg/ml

Sensitivity: < 9.375 pg/ml

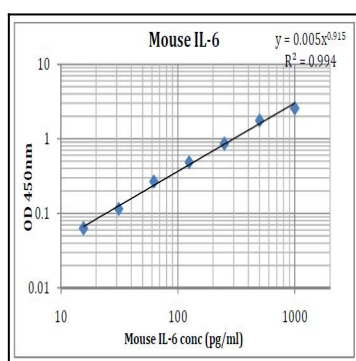


Figure-1: Mouse IL-6 Standard Curve.