

## 90-2253: Mouse IL-13 (Interleukin 13) Pre-Coated ELISA Kit

**Application :** ELISA

**Reactivity :** Mouse

### Description

This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-IL-13 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IL-13 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-13 amount of sample captured in plate. Read the O.D. absorbance at 450 nm in a microplate reader, and then the concentration of IL-13 can be calculated.

### 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 mL-13	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 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-13 concentrations in serum, plasma and other biological fluids.

**Detection Range:** 31.25 - 2000 pg/ml

**Sensitivity:** < 18.75 pg/ml

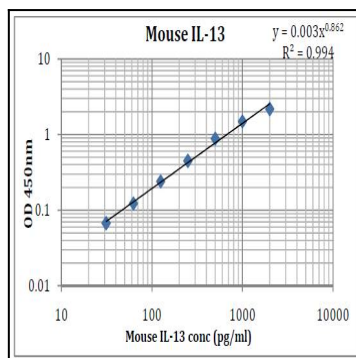


Figure-1: Mouse IL-13 Standard Curve .